Previous references.

1895.
~~190~~ .

(Separate Revenue.)

File No. 91

Serial Nos. 1-7.

Later references.

GENERAL AND REVENUE SECRETARIAT.

Serial Nos. 1 — 7.

major **Part B. for** 9 13.5.1896.

SUBJECT.

Concession to mr J. G. Mac Donnell Special Excise Asst Commissioner Kfd.

1. From mr J. G. McDonnell. Petition 9 7.2.1896. Requests to grant five boons on his retirement from services.
2. From J. G. McDonnell 9 7th Feb. 96. Requests to authorise the Comptroller to pay the amount of the enclosed bill for three months emoluments to which he is entitled
3. To Comptroller 9 mr J. G. McDonnell G. R. S. 9503-4 / P+A. 768 9 15.2.96. Publishes that

-en para 4. of Govt proceedings. no ~~9503~~ 4. 9121
~~P+A 768~~ mis 1263
9.6.96 for the word 'invalid' should be read Compensation

4. From J.G. McDonnell Do 15.2.96. Requests to add some slips between his ~~se~~ service Register and the last page of his testimonials and suggests some alterations in his petition.

5. To Comptroller and mr J.G. McDonnell
95-57-8 / P+A 772 of 17.2.96. Orders that the payment of Rs 1680 Rs/- a gratuity of three months emoluments is sanctioned.

6. From Mr J.G. McDonnell Do. of 3.4.1896
Begs to enclose a note on the points discussed with the Diwan in an interview with the latter.

7. To Excise Commissioner, Comptroller mr J.G. McDonnell. ~~Pta~~ 9997-99 / Ft 704 of 13.5.9
Grants mr McDonnell a bonus of Rs 2000 and treated the conveyance allowance of Rs 600/- as personal allowance with effect from 6th Feb. 1891.

Mostyn Lowry

Office Note

Letter Reference
S J A 8718526

SECTION S R
FILE No. 91/1895-96
SERIAL No.

In para 4 of the Govt. Rly: 210 9121 of Inis: 263 dt 7 February 96 it is mentioned that Mr. J. J. McDonnell Special Executive Asst. Comr is retired on Invalid Pension and that his place will not be filled up.

2. With reference thereto Mr McDonnell begs that he may be authorized to draw this three months' emoluments to which he is entitled under article 287 of the Irregular Service Regulations as he has been retired suddenly without any notice.

3

3. ~~As~~ In Mr Macdonald
on Invalid Pension
~~has been altered~~ in
he must have either
produced a medical
certificate of unfitness
for further duties
or completed 60 years
of age. In his retire-
-ment order it is
however mentioned
that his place will
not be filled up.
Under these circum-
-stances it is left
to the Govt to decide
whether his service
be elapsed under
"Compensation Pension",
in which case he
will be entitled
to a gratuity of 3
months' pay under
Article 287.

Subject to favorable
orders being passed

3.

on the subject, the following Erratum is proposed to be issued:—

Erratum

In Govt. Prs: Ins: 9121 of 6/2/96, for the word Invalid read "Compensation"

Sd/-
8/2/96

The effect of the change would be to give Mr. McDonnell 3 x £5-60 or 16 80 Rs as gratuity. As against this his pension for three months will have to be set off and the net bonus to Mr. M will not exceed 930 Rs. This may well be passed to him considering his past services

J.P.
8/2/96.

Submd. to Councillor
This may be done.
Submit to the Governor
8/2/96

3.

Rec'd 18/2/96

(11)

Submitted

Sir,

I called as
desired today at the
office but was
told you were
not likely to come
If you will
kindly fix a day
at your early
convenience I shall
bring my papers
& give you exact
details you need
& place my case-
before the President
for decision by the
time the Summer
comes back

17/2/96

R. J. A.

6.

MATTER FOR COUNCIL.

—:o:—

SUBJECT

Papers connected with the retirement of W. J. Mc Donnell Special Excise Asst Comr.

Circulated to Councillors.

By order,

13/2/96 T Ramanadan

13 February 1896 for General Secretary.

Names.	Date of receipt.	Date when passed on.
Rajadharma Pravina T. R. A. Thumboo Chetty, Esq., C.I.E. ..		
P.N. Krishna Murti, Esq.		
Khan Bahadur Abdul Rahman, Esq.		
The Dewan		

NSI

*This memo should be sent from the Councillor given to Mr Under Secretary with it to be placed in Mr Mc Donnell's file as per attached Secretariat

2/3/96

What about Mr. McSmith
bill?

He has given up in
connection with it and
asks for an early disposal
20/3/56

We have not the
power under
Public Health
Act to do
anything
effective
We can however
I shall attend
Committee - Meeting
re Housing by the
Council
20/3.

Mr. Lee Brandt will
be in touch
20/3/96

(16) 8

~~[redacted]~~

Note

Of the several requests made by Mr. McDonell in his Memorial, that first has already been complied with by the grant of 3 months' pay in lieu of notice.

2. In June 192, Mr. McDonell claimed Rs 2800 in lieu of double mileage ~~was~~ granted to the Corporation who had been appointed with him in the introduction of the "new ~~Lotty~~ System" Govt in Napumpokes Station sanctioned for Mr. McDonell a bonus of Rs 2500. It is now contended that that was bonus awarded in connection with his services in the branch branch, and that the claim for Rs 2800 for Lotty work still remains unadjusted. But in the face of the order of 28th Oct 192 it is difficult to say that this is a correct contention. In my opinion the second request

cannot be granted

3. The third request relates to bonus for arrack work. For the quinquennium ending 1892, a bonus of 3 months pay was awarded to certain subordinate officers. Mr McDonnell claims a similar conception. He says parties by treating the bonus of Rs 2500 sanctioned for lady work, as part of the bonus due to him for arrack work, urges that a months pay more than to be given under that account. I have shown above that the bonus of Rs 2500 already sanctioned, had no manner of connection with the arrack work. The question is whether any bonus should now be given him for the latter in accordance with the precedents of 1882, 1884 & 1887 ~~the~~ of the years last mentioned he was only a Head Superintendent. He subsequently rose to be an Assistant Commr. This perhaps accounts

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por his not having awarded any bonus in 1892. (possibly however not he had not alleged that claimed to be on executive duty, some consideration, seems due to him in the matter of bonus & he therefore suggest that a bonus equal to nine months pay may be sanctioned for him as a special case.

4. Request No 4 is alternative one - I do not think he can be given a year pay in lieu of the claim involved in the first request

5. Mr Macdonell was long in receipt of a "Commutation allowance" of Rs 60 per mensem from 11th Nov 1893 was converted into a "Personal allowance". He now begs that this can be restored to him as he ordered by letter dated from 1st July 1891 so as to enable him

As regards paras 2, 3 & 4. The Secretary observes that Mr Macdonell has no right to claim any bonus for any particular year in recognition however of the long & excellent services rendered by Mr Macdonell in the Excise Dept & of the success attending his zealous endeavours to develop the Excise revenue of the State & in consideration of the peculiar circumstances under which he has been retired before the attainment of his 55th year. The

VI

Dewan is of opinion that a bonus of Rs 200 may be sanctioned - I concur in this C.

leave to be allowed to increase his pension - /pensionable service/ his past services, & the peculiar circumstances under which he has retired, I would recommend that this request be granted.

6. I am afraid Govt cannot pay & publish a complementary order in his recommendation & would gladly give him a certificate.

C.
26-3-96

The Dewan says that this may be done - C.
I concur in this

The order sanctioning a bonus issued, in the Dewan's opinion to be recorded as to release this surplus also - C.
I agree
11/5/96

Sd to 3d Councillor
C.
11-6-96

Sd/ recorder. Send a copy Butler Macdonell Who is in the G. Hospital Madras. Get that now Roll soon & convey his pension 4 12/5796.

(8) 12

To

The Secretary (Thro' Asst. Secretary)

Mr. Duncan Smith saw me this morning. He requested that orders in his case might be passed as early as possible, as he was anxious and intended to go to Scotland. He appears that the Income tax in this case is wrong - Please let me have it or explain orders being passed for the Return

17-4-96

Please see the accompanying note

11-5-96

Please see my remarks forwarding under the observations made for the Return

11-5-96

See Secretary's order of today written 11/5/96 12/5/96

(1) Bangawa 7th February 1897

From

Mr. J. G. McDonnell

Retired Spl. Appt. Interpreter

Dennis Office

Bangawa

To

The Secretary to the Govt. of Nigeria

General Duty. Dept.

SECTION 5 Retired Spl. Appt. Interpreter Dennis Office
FILE No. 919 1895 6
SERIAL No. 2 1
6 enclosures

Sir,

1. I have the honor to enclose the papers as per margin and solicit that you will be so good as to submit the same, with your favorable support, to His Excellency the President in Council to the Government of H. M. the Protectorate of Nigeria, at an early date.

(1) Printed Petition to the President and Councillors 7th February 1896 with 3 annexures

(2) Service Register to be kindly returned to me endorsed under Article 435. In. S. Regulations

(3) Draft Pension Application under Article 474 for submission to the Auditor for verification under Article 475 of In. S. Regulations

I have the honor to be

Sir,

Your most Obt. Servant

J. G. McDonnell

Retired Special Appt. Interpreter

(*Through C. SREENIVASIYENGAR Esq.,*
Secretary to Government General and Revenue Departments).

***Bangalore, 7th February* 1896.**

TO

RAJADHURANDAHRA

SIR. K. SESHADRI IYER, K.C.S.I.,

Dewan of Mysore and

PRESIDENT IN COUNCIL:

RAJADHARMA PRAVINA

T. R. A. THUMBOO CHETTIAR, ESQ., C.I.E.,

***1st Member of Council*:**

P. N. KRISHNA MURTI ESQ., B.L.,

***2nd Member of Council*:**

KHAN BAHADUR

ABDUL RAHIMAN SAHIB ESQ.,

***3rd Member of Council*:**

To the Government of His Highness the

Maharaja of Mysore.

The humble Petition of

MR. J. G. McDONNELL,

(Retired) Special Assistant Commissioner,

Dewan's Office in Mysore.

HUMBLY SHEWETH:—

1. That Petitioner served the Government of Mysore most faithfully, uprightly and conscientiously for a period of 32 years, 8 months and 6 days, as may be seen from the enclosed Service Register, Draft Pension Roll and printed copy of Testimonials received from the 26 Officers of the Mysore State under whom Petitioner served.

2. That in consideration of Petitioner's *special services* for 14 years in the Excise Department from 1878-79, (*vide* printed note attached) and in recognition of the immense pecuniary benefit aggregating in hard cash Rs. 34,71,666, (*vide* para. 12 of the said note), over and above the anticipated progressive Revenue derived during that period, mainly through the Petitioner's practical suggestions being adopted by Government, supplemented by Petitioner's zeal, integrity, strict and conscientious supervision control and hard work, as acknowledged and recorded by Government—Government may now be pleased to view favorably and sanction the following five boons as some small compensation for having so suddenly and prematurely retired the Petitioner before the age of 55 years, and in lieu of the increase of Rs. 200 pay per mensem promised, for having conceived, practically worked out, and brought into force the "New Toddy Scheme" whereby Government have been the gainers of over 4¼ lakhs yearly, while Petitioner virtually received nothing whatever therefor as will be seen on perusal of this Petition :—

(1). That under Article 287 of the "Mysore Service Regulations" a gratuity equal to three months emoluments viz., Rs. 1,680 may be sanctioned, to which Petitioner is fairly and justly entitled in lieu of Notice required there-under, to be given *on the date Petitioner was retired* "with a view to mitigate "the hardship caused to an officer by the sudden loss of "employment" as laid down in Clause (1) of the said Article. and desired in his application dated 7th Instant now before Government.

(2). That adverting to the accompanying extracts from the correspondence as per margin (hereto attached), Government may be graciously pleased to authorize payment to Petitioner of the Bill for Rs. 2,800 sent up by the Excise Commissioner for "favorable consideration," ~~on account~~ *in lieu* of difference of Double-Mileage, Double Batta, Quadruple-Railway fare, exemption from Bungalow fees, &c., as granted to the "*Special Revenue Officer*," who was associated with Petitioner by Government, to simply sell the Farms under the "New Toddy Scheme." In this connection it may be specially urged :

From Petitioner to the Excise Commissioner No: 956, dated 15th June 1892 para. 4.

From the Excise Commissioner to the Chief Secretary to Government No. 1962-91 dated 17th June 1892 para 6 with Bill for Rs. 2,800.

(*a*) That Petitioner conceived, sketched out, mapped and recorded statistics of the immense sums sacrificed by the State employing five to six intermediaries to the aggregate number of 1,500, between the District Contractor and the Producer (the Ediga), who needlessly absorbed about 6 to 9 lakhs of State Revenue.

(*b*) That Petitioner single-handed carried on all the correspondence with 61 Amildars, 8 Deputy Commissioners and 813 Officials for 6 months and had the checking and preparing of the numerous returns involved in collecting and collating the data needed by

4

Government to bring out what was paid at the final stages by upwards of 3,000 shop-keepers, the resources of 2,500 Groves, and the quantity and value of Toddy drawn and consumed in the whole Province covering an area of 25,000 square miles at a cost to Government of over Rs. 30,000.

(*c*) That Petitioner had to work day and night and travel incessantly all over the Province by dak and thrice nearly lost his life by untrained Bulls being used without nose-ropes, bolting with his carriage, and once actually completely upsetting his coach down a *shola*.

(*d*) That Petitioner though down with fever, and influenza and subjected to repeated and most acute attacks from hemorrhoids which might at any time have terminated fatally, never flinched in giving effect to the orders of Government and bringing the New Toddy Scheme to a successful issue.

(*e*) That as Government must be fully aware, that as a European Officer Petitioner had to carry his own Provisions and Europe stores with him, to the extent of over a months' supply, and was placed at the mercy of the Village Kotwal to be freely fleeced while, the natural official and social position of the *Special Revenue Officer* made the case to him quite different as he was in touch with the whole native element from the Deputy Commissioner downwards. Petitioner does not be-grudge the Special Revenue Officer every Rupee so generously bestowed on him and which he so richly earned by using his lungs so vigorously as a Government crier! But it is particularly hard on Petitioner that Government being fully aware of the wants of both Officers and admitting that both were in the same boat Government should not treat both equally in so simple a matter as the travelling allowances for one and the same tour.

(3). That in accordance with the precedents of 1882, 1884 and 1887 quoted in Government Proceedings No. 6017—8 dated 28th October 1892 para 3, (Extract attached), the difference of the Bonus so hardly earned by the Petitioner be not only awarded to the extent of the usual six months pay instead of only for the 5 months as there in sanctioned; but, that in conformity with the aforesaid quoted precedents that the Bonus may be considered as earned as usual, in connection with the heads pertaining to the items of Excise amounting to over Rs. 21½ lakhs as per margin and for which

5 years 1887-88 to 1891 to 92.	Guaranteed amount	Excess sales
1. Arrack	47,70,000	20,94,522
2. Ganja	36,000	22,539
3. Opium (Difference of Rate between Rs. 7/8 and Rs. 9/6 per seer or Rs. 1/14 on yearly average sales of 2,308 seers yearly for 5 years. ...	...	37,484
Total Excess Sales Rs...		21,54,547

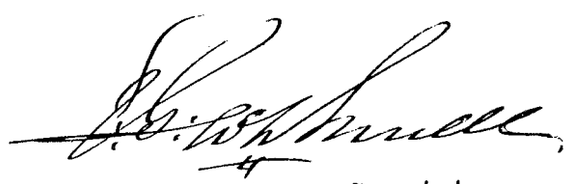
Petitioner's own subordinates were awarded their Bonus, (*Vide* Pros. No. 6183-92 dated 29th September 1893), as neither he nor they had anything to do with the supervision of Toddy before the "New Toddy Scheme" was inaugurated by Petitioner who scored the unprecedently enhanced and handsome Revenue of over $4\frac{1}{4}$ lakhs to the Darbar Treasury.

(4). That Government may be graciously pleased to treat the foregoing claims as both special and exceptional, as they really are, and deal with him in a liberal and generous spirit and thus actuated pass Petitioner a lump sum Bonus of twelve months pay in full clearance of all demands there under.

(5). Government having been pleased, in accordance with Dewan's Memo No. 529 dated 23rd June 1894 and Proceedings No. 2164—478 dated 3rd August 1894, to direct that Petitioner's "Conveyance Allowance" of Rupees 60 be considered from 14th November 1893 a "Personal Allowance" that Government may now be pleased to go a step further and rule that this interpretation may have retrospective effect from 6th February 1891 so as to complete the period of 5 years and thus enable Petitioner earning the small enhanced pension of Rs. $\frac{560}{2}$ = Rs. 280 instead of the higher sum which he would have been now fully entitled to, had Government given him the increase of Rs. 200 to his pay from 1891, as he was led to expect, for so substantially benefitting the Durbar Treasury by the yearly addition of $4\frac{1}{4}$ lakhs under the "New Toddy Scheme," and:

(6). Lastly that as Petitioner served Government, as afore-stated, for a period of over 32 years and is now only 51 years and 8 months old, Government may be pleased in bringing Petitioner's career in the Public Service of this State to a close, to pass the usual Order in recognition of Petitioner's honorable, honest and faithful services and for securing the large pecuniary gain of $34\frac{3}{4}$ lakhs to Government as recorded in the annexures hereto appended so as to enable him readily earning a livelihood elsewhere :—

For which favor as in duty bound Petitioner shall ever feel grateful and begs to most respectfully and humbly subscribe himself as hereunder.



RETIRED *Special Asst. Commissioner,*

DEWAN'S OFFICE IN MYSORE.

Extract from letter No. 956, dated 15th June 1892, from the Special Assistant Excise Commissioner Toddy Department to the Excise Commissioner in Mysore.

* * * *

Para 14. In conclusion I beg respectfully to state that the Dewan Bahadur was pleased to promise me a permanent increase of Rs. 200 to my present pay so as to raise it from Rs. 500 + 60 = 560 to Rs. 700 + 60 = 760 per mensem for special and exceptional services rendered to Government in the Excise Department generally, and especially in connection with Toddy work, with retrospective effect from 1st April 1891, as I received no extra batta, or special allowance, as in the case of the Revenue Assistant Commissioner who was associated with me in the sale of the Farms in each Taluk. Government know well how I have exerted myself to ensure success to the present scheme, from start to finish, and that the increase of Rs. 4,28,000 thus secured is only a moiety of what Government have every hope of securing in the near future. I beg therefore respectfully to enclose a bill for Rs. 2,800 and entreat your favorable support to enable me to secure the boon I seek.

I have &c.,
(Sd). J. G. McDONNELL,
Special Assistant Excise Commissioner.
Toddy Department.

Extract from letter No. $\frac{1962}{91}$ dated 17th June 1892, from the Excise Commissioner in Mysore to the Chief Secretary to the Government of Mysore.

* * * *

Para 6. As Government are in a position to judge of the work performed by Mr. McDonnell during the time he has been engaged on the New Toddy Scheme, and the results obtained, and of the other circumstances mentioned in para 14 of his letter, I enclose the bill sent in by him marked V, for the favorable consideration of Government.

I have &c.,
(Sd). L. RICKETTS,
Excise Commissioner in Mysore.

Extract from Government Proceedings No. $\frac{6017-8}{\text{R. F. } 192-92}$, dated 28th October 1892, para 3.

* * * *

3. In recognition of his zeal and energy in this matter, and following the precedents of 1882, 1884 and 1887, the Government are pleased to sanction for him a bonus of Rs. 2,500.

* * * *

(Sd). M. NARAIN RAO,
for Chief Secretary.

(True Extracts)

Retired Special Assistant Excise Commissioner.

Notes by the special Assistant Excise Commissioner, in Mysore, on the specific and exceptional services rendered by him to the Mysore State, in the Abkary Department, from 1878—79. and the financial and administrative results thereof.

A. SPIRITS.—1. Mr. McDonnell joined the Government Distillery, Bangalore on the 1st April 1878, on the abolition of the "Sudder Distillery System" and the inauguration of the "Improved Excise System" in the Nundydroog Division (Bangalore, Tumkur and Kolar Districts). The minimum amount guaranteed to Government was Rs. 3,00,000. There was a deficit the first year, after deducting wastage Rs. 1,298—6—8, of Rs. 14,153—15—0. The Contractors' loss was only nominal as they had the "Retail Vend" also in their hands and not only covered Rs. 3,00,000 fully, but also made a good profit on the whole business, as was shown in the memos. sent to the Deputy Commissioner, Bangalore District.

Arrack Revenue Year	Gals.	Nundydroog Drs.	Rs.	Division A.	P.
1878-79...	1,00,265 ...	38	2,87,144	—7—	—8

2—The Commissioner of the Nundydroog Division was desirous of working the business in "Amani," and Mr. McDonnell prepared a scheme fixing the rates of Wholesale and Retail Vend, and a statement of costs and profits. Sir James Gordon was averse to the proposal as it would virtually make Government the manufacturer of spirits needed for Public consumption but accepted the rates proposed, as indicated in the margin seconded by Colonel Clarke.

Particulars.	Bangalore Cantonment & Town			Districts.		
	Rs.	A.	P.	Rs.	A.	P.
Duty and Cess ...	3	3	0	2	2	0
Contractor's costs & profits.	1	3	4	1	4	4
Retail Vendor's profits ...	0	9	8	0	9	8
Total price of liquor to public	5	0	0	4	0	0

3.—Mr. Runga Charlu contrasted the successful results of the new system in the Nundydroog Division with the rest of the Province and saw that the "excess sales" alone in the year 1879-80 in the one tract, covered more than the whole Revenue of the rest of the Province, and was pleased to pass the following order No. 7771 2—369, dated 6th January 1882:—

Years.	Quantity.	Amount.			Net excess sales.		
Nundydroog Division.							
1879-80	Deduct minimum amount guaranteed.	1,31,881 0	3,63,695	3 5	67,730	14	10
	Wastage ...		3,00,000	0 0			
			1,964	4 7			
			3,01,964	4 7			
1880-81	Detuct minimum amount guaranteed ...	1,55,280 0	4,31,558	11 4	1,09,009	6 1	
	Wastage.		3,20,000	0 0			
			2,549	5 3			
			3,22,549	5 3			
Rest of the Province							
1877-78	...	7,087 0	1,01,988	0 0			
1879-80	...	47,872 0	1,35,151	0 0			
1880-81	...	55,466 0	1,54,531	0 0			

"It has been for some time under contemplation to recognise by the grant of a "Bonus, the good work done by Mr. McDonnell, Head Supervisor of the Government "Distillery and his establishment in securing a large increase in the Arrack Revenue "of the Nundydroog Division as brought to "notice by the Deputy Commissioner, Bangalore. The sales in this Division which "were below the guaranteed amount in "1878-79 exceeded the guaranteed amount "by Rs. 67,000 in 1879-80 and by Rupees "1,09,000 in 1880 81. *This reflects great "credit on the vigilent supervision exercised "by Mr. McDonnell.** He is under the circumstances awarded a Bonus equal to his "6 month's pay or Rs, 720." * * * *

*NOTE,—See Words emphasized by me.

4. It was at Mr. McDonnell's suggestion that the number of Retail shops in the City of Bangalore were reduced from 35 to 25 and in the Station from 75 to 55. It was conclusively shown by statistics furnished and grounds adduced that the reduction would not affect either Government Revenue or the Funds of the Municipal Board but the reverse and this opinion though keenly combated at the time was fully realised. This was mainly due to the income of each shop being improved on the one hand while the Rules were rigidly enforced on the other. Mr. McDonell had several interviews with Mr. Ranga Charlu and gave him information as to the short-comings and draw-backs in the way the "Improved Excise System" was practically worked and afforded him the means of gleaning what the Contractor's costs and profits were. Government Order No. 5141—7 Revenue 901, dated 7th December 1880 then issued. The wholesale and retail prices were fixed, tenders invited for duty and cess, and, the lines followed in the Bangalore Distillery were directed to be adopted at other Distilleries in the Province. Government obtained by tender the rates indicated in the margin.* The financial results exhibited further on, as was anticipated, were very satisfactory. Sir Sheshadri Iyer in Proceedings No. 5686 - 103, dated 4th February 1884 contrasted the work of the other Districts with that of the Nundydroog Division and found, one District showed a falling off, in a single year of 9,000 gallons, while in two other districts the result at starting was 62,000 and at ending was 33,000 or a fall of nearly one half. In another District the sales were put down at 12,000 gallons and dwindled down to less than 2,000 gallons in a series of years. Government opined, this was suggestive of clandestine manufacture and evasion of Government Duty. Government viewed Mr. McDonnell's proposals (which were supported by the Deputy Commissioner of Bangalore), *viz.*, to abolish the outlying Distilleries and introduce a "Centralized System" for the whole province favorably. The varying rates of duty obtained by tender before were equalized so as to more readily suit town and country places, and fixed; and, tenders were invited for the highest minimum gurantee Contractors were willing to offer. Government expected a rise in the Revenue of Rs. 17,489 yearly. From the tenders received the Revenue guaranteed was Rs. 6,35,000 against 4,76,790 for six Districts or a rise of Rs. 58,210 yearly for 3 years. It was equally favorable in the remaining two Districts where Rs. 1,05,500 were secured against Rs. 54,500 or a rise of Rs. 46,500 yearly.

*Nundydroog Division	City Station ...	3—3
	Districts ...	2—3
Astragram Division	Districts ...	2—4
		2—4
Nagar Division	Shimoga District ...	3—0
		2—4
Kadur District	Shimoga District ...	2—12
		2—2

5. The actual annual results of the three years 1881-82 to 1883-84 as indicated in the margin* were considered satisfactorily by Government. Sir Sheshadri Iyer was therefore in Proceeding No. 1382-91—27 dated 29th May 1884, pleased to raise Mr. McDonnell's salary to Rs 200, to rise to Rs. 250.

*Places.	years.	Quantity.	Rs.	Total Excess.
Nundidroog Divisions ...	1881—82...	1,66,566 ...	4,61,694-0-0 4,00,000-0-0	61,694-3-8
	1882—83...	1,78,596 ...	4,97,133-4-11 4,00,000-0-0	97,133-4-11
	1883—84...	1,89,153 ...	5,24,786-12-10 4,00,000-0-0	1,24,780-0-
Rest of the Province	1881—82...	63,458 ...	1,56,146-0-0	
	1882—83...	58,259 ...	1,54,582-0-0	
	1883—84...	59,444 ...	1,47,595-0-0	

to place the whole "Executive Staff" under his supervision, to adopt the system of distillation, distribution, and testing, periodical returns, and reports, introduced by him in the Nundydroog Division, for the whole Province and to place the following opinion on record in para 4 of that order.

* * * "Mr. McDonnell, has worked with his usual energy and zeal during the past "three years *and it is owing chiefly to his exertions,** that the Excise Revenue of the Nundydroog "Division is in such a flourishing condition. As some recognition of his services in the past and "in accordance with the precedent of 1882, the Dewan is pleased to sanction for him a Bonus of "6 months pay equal to Rs. 720. * * *"

(6.) The table as per *margin gives the result achieved during the three years 1884-85 to 1886-87 under the "Centralized System" for the whole Province. Though the very large minimum amount guaranteed was not made up in the 1st and 2nd years, yet the Revenue very steadily advanced when compared with previous years, and in the third year not only covered the very large amount guaranteed but gave Rs. 1,24,471 more or Rs. 44,490 as the average yearly excess for the 3 years of this term. The progress made was most marked as will be readily seen by a reference to the figures given in the †margin and Government in Proceedings No. 570413 144 dated 28th December 1887, were pleased in Para 8 to place the following opinion on record.

Years.	Quantity.	Amount.	Minimum amount guaranteed.	Excess Sales.
*				
1884–85	2,64,543 0	7,24,708 0 0	7,40,000 0 0	
1885–86	2.63,378 0	7,17,248 0 0	7,40,000 0 0	
1886–87	3,16,420 0	8,62,492 0 0	7,40,000 0 0	1,21,492 0 0

Years.	Amount guaranteed yearly.	Total average Revenue yearly including deductions.
†	Rs.	Rs.
(1) 1881—82 to 1883—84 ...	5,31,296	6,59,810
(2) 1884—85 to 1886—87 ...	7,40,506	7,84,281
Average difference in favor of the 2nd period yearly ...	2,09,210	1,24,471

"As the large increase under the head *Arrack* and *Excise Revenue* for the past three "years *is due in a measure to the vigilent supervision exercised** by Mr. McDonnell and to the "faithful and efficient discharge of duties that devolved on his assistants, the bonus recommended "by the Deputy Commissioner which according to the list submitted by him amounts to "Rs. 3,378 is sanctioned."

7 Mr. McDonnell urged the abolition of the Shimoga Distillery, the various rates prevailing in that Range for the manufacture and sale of Arrack, which from the account of the Contractors costs and profits prepared by Mr. McDonnell, was proved to be feasible, the abolition of the various levies from Retail Venders and the recovery of a fee per gallon from them, the enhancement of the rent paid by the contractors for Government buildings at the Distillery, the levy of an "establishment cess" from the Contractors to ensure better supervision, the fixing of a minimum guarantee by Government for the whole Province and calling for tenders for the maximum progressive enhanced sums for 5 years over that fixed. These proposals, which were generally seconded by the Deputy Commissioner of Bangalore, being thoroughly discussed and scrutinized in detail were accepted by Government in February 1887. Government secured an average maximum guaranteed Revenue of Rs. 8,74,000 or a fixed yearly increase of Rs. 1,24,000. The establishment was increased at a cost of Rs. 7,200 over the old scale and Mr. McDonnell's pay raised from Rs. 250 to Rs. 300 plus horse allowance of Rs. 60 and travelling allowance in addition when absent from Head Quarters. The contractor urged that

*NOTE.—See words emphasized by me.

the price of gaggory was enhanced, that they had made several permanent improvements at the Distillery and incurred other necessary though exceptional expenses. The staff was considered inadequate to cope with the general work cut out for it and especially to suppress illicit distillation and the contraband trade in liquors and drugs. To meet all these charges in the middle of the contract was found to be neither convenient nor desirable especially as it would derange the Budget and all the rates fined by Government. In this dilemma, Mr. McDonnell suggested that the dram cups of which 48 went to the Imperial Gallon be reduced by about 100 minims. This would give 51 drams to the Imperial Gallon and secure the following advantages :—

(*a*) An enhancement of price of liquor by five annas per gallon.

(*b*) The price of the liquor in the reduced dram to the public, would be the same though they would sustain a loss in the initial quantity. This would be so small as to be inappreciable though in the aggregate it would amount to $6\frac{1}{4}$ per cent per 100 Imperial gallons.

(*c*) The consumption would be virtually reduced by 25,900 gallons for the Province.

(*d*) The contractors would be able to obtain an enhancement of the rate to cover the expences urged by them.

(*e*) Government would be able almost to double and otherwise improve its Executive Staff.

(*f*) The retail vendors would be exempted from paying the abnoxious gallon fee.

(*g*) Government would be able to credit something also to the Treasury after meeting items (d) (e) and (f).

Mr. McDonnell was delegated to explain the subject to the Deputy Commissioners of the Malnad Districts sound the Retail Vendors Views on the subject and ascertain specially what quantity constituted the popular "peg" in each shop. This was done and Government in Memorandum dated 3rd April 1889, approved of Mr. McDonnell's Scheme and the schedule of establishments prepared by him. Colonel Campbell was the 1st Excise Commissioner on Rs. 1,200. Mr. McDonnell's pay was raised to Rs. 500 from 1st April 1889. Ample means were provided to do all this under the new scheme which secured to Government, on an average, yearly, Rs. 1,29,528 though the consumption was really reduced by 25,900 gallons per annum. This scheme also met the approval of the Government of India.

8. In 1890, Mr. McDonnell and the Contractors, urged that a large saving lapsed from the establishment cess assigned under the new scheme, which should be devoted to raise the strength of the Detective Staff. This step was seconded by the Excise Commissioner and Government in Proceedings No. 1152, dated 24th March, 1890, sanctioned the proposals to increase the Detective Staff at an enhanced cost of Rs. 758 monthly. The total cost of the establishment amounted to Rs. 68,488 while the amount expected was put down at Rs. 58,992, leaving only Rs. 9,496 to be provided from provincial sources instead of Rs. 14,784 heretofore incurred by Government. The financial results from duty and local cess alone, as noted below show that on an average enhanced maximum guarantee Government secured nearly 21,00,000 more than it expected to get:—

Years.	Quantity.		Duty including Local cess.			Minimum amount guaranteed.			Excess Sales.		
1887-88	3,39,039	0	11,23,497	0	0	8,74,000	0	0	2,39,497	0	0
1888-89	3,71,596	0	12,32,241	0	0	8,74,000	0	0	3,58,241	0	0
1889-90	3,96,086	0	13,14,469	0	0	8,74,000	0	0	4,40,469	0	0
1890-91	4,20,847	0	13,96,720	0	0	8,74,000	0	0	5,22,720	0	0
1891-92	4,24,512	0	14,07,595	0	0	8,74,000	0	0	5,33,595	0	0
									20,94,522	0	0

B. GANJA.—9. When Mr. McDonnell was nominated to supervise this item of excise in 1879 80, Government paid to an agent a commission on the sales of all drugs to compensate him for the trouble It was given out on contract thereafter for varying sums during a series of years. The ganja plant was allowed to be freely cultivated and the import and sale of the contraband drug was vigorously carried on. In 1882-83, the Bangalore District Contractor asked to throw up his business and offered to forfeit his security of Rs. 1,000 to be relieved of his obligations. He asked to raise the retail price of the drugs Mr. McDonnell suggested that the weight of Ganja per cash be reduced from 36 grains to about 27¾ grains. This would enable the Contractor to obtain the relief required, whereas a direct enhancement of the rates would intensify the evil. The Contractor accepted the proposal as he was thus indirectly able to get 13 annas instead of only 10 annas per seer. His Depot and the Retail Shops were thereafter brought under the direct control of the Officers of Government. In the ensuing year 1883-84 tenders were invited for a minimum guarantee and the item was worked on the same lines as Arrack. A set of rules were framed by Mr. McDonnell and sent up to Government for sanction which aimed at the suppression of the clandestine cultivation of the plant or sale of the drug, the import, export and transport of the drug on Government permits, the sale in independently licensed shops, the fixing of prices of wholesale and Retail Vend, the retention and production of Accounts and other necessary measures. The new system was introduced only in two Districts in 1884-85 and in the whole Province in 1885-86, but separately for each District. The rules were sanctioned on 27th February 1885. The 1st Contract for the whole Province taken as one unit but excluding the Station of Bangalore was effected at Mr. McDonnell's suggestions in 1886-87. The results are indicated in the table as per margin. A minimum amount is guaranteed. A fixed duty of 6 annas per seer of ganja and 2 annas per seer of majam, has been levied with the approval of Government, as advocated by Mr. McDonnell for the whole Province including the Civil and Military Station from the year 1890-91 as an additional precaution. The largest amount brought out is taken as the basis for calculating the Revenve for the year.

Years.	Minimum guarantee			Total Revenue			Station net Revenue			Total.		
1886-87	5312	8	0	6528	0	0	2394	7	0	8923	2	0
1887-88	7000	0	0	7744	15	9	2459	1	1	10202	0	10
1888-89	7000	0	0	7464	10	5	2440	15	10	9905	10	3
1889-90	7000	0	0	9780	5	2	2961	2	0	12741	7	2
1890-91	7000	0	0	12047	12	0	3098	12	0	15146	8	0
1891-92	8000	0	0	13043	1	3	2813	0	0	15856	1	3

C. OPIUM.—10. The Opium Act No. I of 1878 came into force on 1st April 1880, in this Province. The cultivation of the poppy was interdicted and the contraband trade in the drug received a check. Opium was obtained from Malwa by Government and sold at Rs. 7—8—0 per seer of 24

Tolas to Licensed Shopkeepers from the Government Treasury. Mr. McDonnell suggested the price be raised to Rs. 9—6—0 per seer frem the Treasury and Rs. 11—4—0 to the Public. As in the case of arrack and ganja Mr. McDonnell advocated the quantity of opium sold being reduced from 2½ grains to 2 grains per cash. Government approved of the step in Proceedings No. 6865-75149, dated 8th March 1885 and directed its adoption throughout the Province from 1st April 1885. The table as per margin gives the sales for eight years from the Treasury to Licensed Shops. If the average quantity of seers be taken at Rs. 7-8 0 and Rs. 9-6-0 respectively the difference will amount to Rs. 59,977 in 8 years which fairly represents what Government has gained by adopting the step advocated by Mr. McDonnell from 1385-86. In 1888 Mr. McDonnell advocated a still further enhancement of the rate of opium, so that, the retail price would be assimilated to that at which it is disposed of in H. M.'s Territory and thus obviate smuggling of opium from Mysore to the former where the price ranges over 16 Rs. per seer of 24 Tolas. But the proposal is still before the Resident. The consumption shown against this state would thus be considerably reduced and exhibited at its normal amount if the price had been raised, while the Revenue would, from the enhanced rate, as was the case before, have held its own.

Years.	Districts.	Station.	Total.
1885—86	1920—13	1452— 0	3372—13
1886—87	2078—20	1555— 0	3633—20
1887—88	2180—22	1641— 8	3822— 6
1888—89	2364—21	1613—20	3978—17
1889—90	2626—17	1540— 0	4166—17
1890—91	2760—21	1427— 0	4187—21
1891—92	2931—18	1583— 0	4514—18
1892—93	3003— 0	1309— 0	4312— 0

TODDY.—In 1889 Mr. McDonnell collected statistics for toddy for one Taluq in each District and then for the whole Chitledroog District and framed and sent up through the Excise Commissioner to Govt. a draft calling for separate tenders as per margin.* Messrs Smith and Pappanna sent a special tender to do the work through Government agency if Mr. McDonnell supervised the work as he did for spirits and drugs. They offered to pay an enhanced guarantee, the Government Staff, and share a moiety of the difference of profits accruing from the business and bear the risks. Action was deferred till next contract by Government and an attempt was made to sell the farms of the Province by Taluqs personally by the Dewan but with only partial success. Government on 14th September 1891 sanctioned a special staff and entrusted Mr. McDonnell with the collection of statistics. This was done and the amounts given by the Contractors and let and sub-let during its several stages till the Ediga sold the Toddy in the shop to the consumer were obtained and noted to refer to at the sales with a view to the highest revenue being secured. The table as per margin gives the revenue obtained for three periods. That of 1892—93 was 4,28,854 over the highest amount ever secured by Government during the previous 18 years. Government in Proceedings No. 617-8—R. F192-92, Dated 28th October 1892, granted Mr. McDonnell the usual bonus, not of six months pay but for only five months namely Rs. 2,500, and placed the following opinion on record.

1 Each Taluq
2 Each District.
3 The whole Province

	Yearly	Increase
1887—88 1888—89 1889—90	7,86,533	...
1890—91 1891—92	9,74,063	1,87,530
1892—93	14,02,887	4,28,854

"The Special Assistant Commissioner Mr. McDonnell has co-operated with commendable activity in the successful introduction of the New Todd

*For the Chittaldroog District.

"System. In recognition of his zeal and energy in this matter and following "the precedents of 1882, 1884 and 1887 the Government are pleased to sanction "for him a Bonus of Rs. 2,500."

12.—From the foregoing notes it will be clearly seen that irrespective of the steady normal increase of Excise Revenue perceptible under all heads the excess Revenues alone above that normal increase, aggregated nearly 35,00,000 in the ranges as worked under the several periods afore alluded to. Sir James Gordon in Proceedings No. 161-8149 Rev. 161, dated 9th January 1879 para recorded that when the "minimum sales required for this guaranteed "amount are reached the safe-guard for securing to the Government the fur- "ther revenue realizable become inoperative. They rest entirely on the effi- "ciency of the Excise establishments, and the accuracy of the registers of "sales kept at the Distillery and by the retail vendors respectively." Mr. Runga Charlu therefore advised Mr. McDonnell to take up his residence at the Distillery. He did so for years and till Sir Sheshadri Iyer had quarters erected he lived there in a small room and at night slept at the gate with the keys under his pillow. He rigidly enforced the retention of "true and correct accounts" by the Contractors and shop-keepers under every item of Excise Revenue. He had the Executive Staff increased step by step, selected, trained and sent them out to do their work. When the rates of duty and other charges raised the price of liquor and drugs so as to lead to illicit manufacture and the import of contraband liquor and drugs he organized a separate and special detective staff, induced Government to allow him to employ informers and grant a small sum to pay them for information. Over (200) two hundred cases of illicit distillation and import of contraband liquors and drugs were detected and the culprits convicted and punished. Upwards of two (2) lakhs of Revenue are involved in this question. But Mr. McDonnell has been interfered with, and the line of action so successfully adopted by him in the past interdicted, in the face of the orders of Government to the contrary. The motto of the "Sudder Distill-ry system" was "Minimum consumption maximum revenue." It was left to Mr. McDonnell to practically prove its truth as noted below :—

I Arrack...	1st Contract Division	Nundydroog	...	2,76,759	*27,77,204
	Do	2nd	...	2,81,452	
	Province	3rd Do	...	1,24,471	
	Do	4th Do	...	20,94,522	
II Opium ...	—	...	...	...	— *59,977
III Ganga ...	—	...	...	...	— *18,131
IV Toddy ...	—	...	...	...	— 1,87,530 / 4,28,824
					Rs. 34.71.666

(a). By reducing the capacity of the arrack dram cups by 6¼ per cent. and maintaining the original selling price to the Public, the consumption was actually reduced by 25,900 Gallons yearly, while, on an average, a sum of Rs. 1,29,500 was added yearly to the Government Revenue.

(b). By reducing the quantity of Ganja sold to the Public per cash from 36 to about 27¾ grains, the consumption of Ganja was reduced by nearly 23 per cent or by 45,358 seers ; while Government Revenue was enhanced thereby by about Rs. 17,007 in 6 years.

*NOTE.—These figures exclude the indirect but actual cash realizations obtained by the reduction of the initial measures and weights effected, (see notes (a), (b), (c), while the original prices were still maintained.

(*c*). By reducing the quantity of Opium sold to the Public from 2½ to 2 grains per cash, the consumption of opium was actually reduced by 25 per cent, or by 7,997 seers while Government Revenue was actually thereby enhanced by Rs. 14,994 in 8 years.

(*d*). By doing away with the several intermediaries between the District Toddy Contractor and Producer (the Ediga) without increasing the consumption but raising the Revenue for Toddy by over 4¼ Lakhs.

13.—The foregoing facts are unique, and such as have never been adduced in the Excise Annals of any age or country. No man could do more than Mr. McDonnell has done for the Excise Revenue. Government were fully aware of the insuperable obstacles Mr. McDonnell had to contend with, on every side, to achieve that which he has accomplished and to preserve what has been obtained for the State. Sir Seshadri Iyer who, is fully cognizant of all the circumstances of the case was graciously pleased to promise Mr. McDonnell an increase of rupees two hundred to his salary from 1st April 1891, (when he first actively took up the new Toddy scheme), for the exceptional and special services he rendered to the Mysore State, especially towards contributing the unprecedented increase of over 4¼ lakhs of Revenue from the single item of Toddy in one year. There are two lakhs more to be still brought to book. But as Government have been pleased, (instead of promoting him as promised), to retire him suddenly, without notice, he most earnestly entreats the few small boons setforth in his Petition dated 7th February 1896 to which this paper forms an enclosure being conferred as a Special Case.

H. W. McDonnell

BANGALORE,
7th February 1896.

(Retired) Special Asst. Commissioner,
DEWAN'S OFFICE IN MYSORE.

* From the Deputy Commissioner, Kadur District, to the Secretary to the Chief Commis
ner of Mysore Bangalore, dated 22nd January 1872, Letter No. 812.

In submitting further chapters of the Gazetteer as promised in this Offic
letter No. 753 of the 25th December last,
have to acknowledge the services rendere
by Mr. McDonnell the Head Writer in th
Office in preparing the new Gazetteer of th
District. I may say that the collection of th
information necessary and the compiling an
writing it down was all done by him. As h
has besides given me, since I have been in th
District, every satisfaction and is a painsta
ing and intelligent Official, I hope he w
obtain promotion in the Chief Commissioner
Office or to some other suitable post. I ha
no doubt he will give satisfaction in whatev
post he may serve."

CHAPTER IV.—Tanks.
" V.—Channels.
" VII.—Vegetable Productions.
" IX.—Agriculture.
" XI.—Commerce.
" XV.—Roads.

Copy of a Demi-Official letter from the Director of P. I. in Mysore to Mr. J. G. McDonnell dated 15th March 1873.

"Sir,—I am in receipt of your letter dated the 9th and regret to inform you that before your application came to hand, I made arrangements regarding a Clerk. From what I have seen of the Kadur and Shimoga Gazetteers you certainly have been very industrious in their compilation and I have no doubt you would have proved a valuable Assistant had I received your proposals soon enough to admit of my entertaining them."

Yours Faithfully,

(Sd.) B. L. RICE,

Offg. Director of P. I. In Mysore.

"The remaining 10 Chapters are in ha
and will follow as soon as possible."

HEAD CLERK, KADUR DISTRICT, DEPUTY COMMISSIONER'S OFFICE.

Extract from the Administration Report, Kadur District for 1869—70.

At the Head of the English Department is Mr. McDonnell who has already pleased me much by his diligence and attention and his efforts to keep the Registers not only neatly but effectually are most praiseworthy.

(Signed) A. G. D. LOGAN,
Offg. Deputy Supt.

I found Mr. McDonnell a very efficient head of his Department.

(Signed) C. PEARSE,
Deputy Commissioner.

Extract from the Administration Report, Kadur District for 1870—71.

I would also bring to notice the satisfactory manner in which the Head Clerk Mr. McDonnell appears to have conducted his duties in the English Department.

(Signed) H. M. S. MAGRATH,
Offg. Deputy Supt.

Extract from the Administration Report, Kadur District for 1871—72.

Para. 197. I have been very much indebted to Mr. McDonnell the Head Writer in the English Department for the pains he has taken in bringing his Department and records into good order. He may emphatically be said to "work with a will" and always very much to his superior's satisfaction.

(Signed) H. E MOTTET,
Offg. Dy. Supt., Kadur District.

I have much pleasure in adding my testimony to the satisfactory manner in which Mr. McDonnell has discharged his duty. He is a most painstaking Official.

(Signed) H. E. MOTTET,
Offg. Dy. Supt., Kadur District.

Recommended for promotion in the Division Office vide letter No. 884, dated 25th January 1873 from the Dy. Commissioner of Kadur to the Commissioner Nundidroog Division.

Recommended for promotion in the Chief Commissioner's Office in connection with the Kadur District Gazetteer for the compilation of which the whole credit was given to Mr. McDonnell by the Deputy Commissioner (vide letter to the Secretary No. 812, dated 22nd January 1872.*

Favorably reported for a searching investigation made into the Sadilwar accounts of the Chickmaglur Taluk Cutcherry and thanks recorded for the defects brought to light and the remedies suggested to effect their removal. Vide Kadur Deputy Commissioner's No. 705, dated 5th March 1873 to the Commissioner of Nagar.

Chief Commissioner's thanks conveyed for the perusal of the Notes on Fencing and Pruning with plates, (vide Secretary's Official Memo. No. 7428—1247, dated 27th March 1873 to Mr. McDonnell's address.

Re-submitted through Deputy Commissioner Kadur, to the Commissioner, who, after approval by Col. Boddam, forwarded the same on to the Chief Commissioner.

13

Statement of the Services of Mr. J. G. McDonnell, Special Assistant Excise Commissioner in Mysore.

—o—

Born 8th May 1844—Joined the Service 1st June 1863.

ACCOUNTANT CHIEF COMMISSIONER'S OFFICE HUZUR TREASURY; AND, CHECKER, DIARIST, AND ACCOUNTANT, DEPUTY ACCOUNTANT GENERAL'S OFFICE.

Intelligent, industrious and steady and possesses a fair knowledge of accounts.

(Signed) H. HUDSON,
Dy Acctt. Genl.

DEPUTY CLERK, SHIMOGA DISTRICT, DEPUTY COMMISSIONER'S OFFICE.

Vide correspondence ending with the Nagar Division Commissioner's No. 313, dated 25th October 1866.

HEAD CLERK *Sub-pro-tem* TUMKUR DISTRICT, DEPUTY COMMISSIONER'S OFFICE.

Mr. McDonnell worked hard for some 5 months as Head Clerk of the Toomkoor District under me. but the multiplicity of work was too much for him at that time, so he reverted to his former appointment He bore a very good character.

(Signed) A. J. BRUCE,
Deputy Commissioner.

DEPUTY CLERK, SHIMOGA DISTRICT, DEPUTY COMMISSIONER'S OFFICE.

Extract from the Administration Report of the Shimoga Disirict for 1868—69.

The 2nd Clerk Mr. McDonnell is a particularly nice man. He is a good Clerk and has a good knowledge of his work, but in addition to all this he is most conscientious, painstaking and industrious and has a most taking and consiliatory manner well calculated to win the regard both of his superiors and inferiors particularly fitting him for the post of Head of an Office.

Shimoga
29th April 1869. } (Signed) F. G. CUMMING,
Offg. Dy. Supt., 2nd Class.

Extract from the Recommendation Roll, Shimoga District.

Intelligent and industrious—a good Office man.

(Signed) F. G. CUMMING,
29th October 1869. Dy. Supt., Shimoga Dist.

Recommended for promotion in the Astagram Division.

Mr. McDonnell performed his duties to my entire satisfaction.

(Signed) E. ARMSTRONG,
Offg. Dy. Commissioner.

Extract from the Kadur District Revenue Administration Report for the year 1873-74. No. 76, dated 15th May 1874.

ARBORICULTURE.

Para 236. I cannot close this subject without acknowledging the valuable assistance received by me in this respect from Mr. McDonnell the Head Clerk of my office, who takes great interest in planting, and has done much both in the days of Major Mottet and myself to improve the District Office garden, graft trees and train gardeners besides offering excellent suggestions from time to time in all matters connected with arboriculture. If a small allowance were granted to him from the provision for planting and he be put in special charge of this branch, I have no doubt that much good will result.

True Extract.
(Signed) P. KRISTNA ROW,
Offg. Dy. Commr., Kadur District.

Mr. McDonnell is an efficient public servant and has been useful in various ways especially in the matter of planting in which he takes great interest. I recommended once that an addition might be made to his salary for looking after plantations.

(Signed) P. KRISTNA ROW,
31st July 1874. Offg. Dy. Commr., Kadur District.

HEAD CLERK, *Sub-pro-tem* NAGAR DIVISION COMMISSIONER'S OFFICE.

Promoted by me on account of his previous excellent service.

(Signed) L. RICKETTS,
Offg. Commr., Nagar Division.

Mr. McDonnell has shewn himself to be a hard working and intelligent Official. I should have been glad to have confirmed him in the post of Head Clerk had not the permanent incumbent returned to the appointment.

(Signed) J. A. CAMPBELL,
26th April 1875. Commissioner.

HEAD CLERK, KADUR DISTRICT, DEPUTY COMMISSIONER'S OFFICE.

Recommended for promotion to post of Superintendent of Stationery in Mysore and application supported by both Dy. Commissioner Kadur and Commissioner Nagar.

Recommended for appointment as Head Accountant Military Assistant's Office, Bangalore and application supported by both Dy. Commissioner Kadur, and Commissioner Nagar.

Mr. McDonnell has worked to my entire satisfaction for the last 6 months, since I assumed charge of the Kadur District and I am sure he well merits the promotion he has attained.

15-5-78.

(Signed) C. S. BLAIR,
Dy. Commr.

HEAD SUPERVISOR, NUNDYDROOG DIVISION, GOVERNMENT DISTILLERY.*

tment is an official who has
to his work, I but endorse
. But, I may add that, from
osecuted to conviction in my
nly prudence and judgment
ss and integrity rarely met
but a practical proof of his
consequence, he has made
pecially created but recently

E. PEREIRA,
Magistrate, 1st Class.

SEE MR. RUNGACHARLU'S OPINION PARA 3 OF THE PRINTED NOTES ATTACHED

SPECIAL ASSISTANT TO THE DEPUTY COMMISSIONER BANGALORE DISTRICT AND OFFICER IN CHARGE OF THE CENTRAL EXCISE ARRANGEMENTS IN MYSORE. (VIDE NOTIFICATION No. 164 DATED 15TH DECEMBER 1887).

BANGALORE DISTRICT.—(1) Mr. McDonnell worked under me as my Special Assistant when I was Deputy Commissioner of the Bangalore District and the Officer in charge of the Excise Department from the 1st November 1885 to date. During all this time I have always found him a most willing, energetic and zealous Officer. For some time he lived at the Distillery itself to ensure the better working. For his intigrity and zeal I had his salary raised to Rs. 300 in March 1887 and have now recommended to Government that he should receive Rs. 500 as I consider him fully entitled to this large increase on account of the very good work he has done in the Department.

(Signed) A. H. MACINTIRE,
Dy. Commissioner and Officer in charge
of the Central Excise Arrangements.

10th March 1889.

SPECIAL ASSISTANT EXCISE COMMISSIONER IN MYSORE, VIDE PROCEEDINGS CAMP NO. 1152, DADED 24 MARCH 1890.

MR. MCDONNELL asks me to place on record the opinion I have of him and says that attempts are being made to injure his good name and his official reputation. I cannot believe that it is in this direction that attempts, if any, are being made for I never heard a word uttered in disparagement of his ability or honesty by any one in a responsible position who has had an opportunity of forming a judgment. I can speak of the time when I was the first Excise Commissioner in Mysore and when I was Deputy Commissioner of the Kadur District and say with confidence that I never met a man in any Department, who excels Mr. MCDONNELL in knowledge of minute details, in unwearied industry and in honesty of purpose.

The Officers at the Head of the Administration know whether or not the State has derived solid financial benefits from the exercise of these good qualities.

I can only hope that in some capacity or other it may be found possible to retain Mr McDonnell's services in the Department, to advance the interest of which, his energies have been so ungrudgingly devoted.

(Signed) J. A. CAMPBELL,
Private Secretary to His Highness
The Maharaja of Mysore,
(Late Excise Commissioner in Mysore)

25th September 1893.
Mysore.

SPECIAL ASSISTANT COMMISSIONER IN MYSORE ATTACHED TO EACH DEPUTY COMMISSIONER.
VIDE NOTIFICATION No. 164 DATED 15th DECEMBER 1887 AND PROCEEDINGS No 5,416-25 CIR. 13 DATED 14th AUGUST 1890.

Para (1). * * * * "In the latter capacity he is authorized to exercise all "the powers of Deputy Commissioner under the Excise Act subject of course to "the general control of the Deputy Commissioners of the several districts who "have power to direct his Proceedings to be submitted to them, and to confirm modify or annul his orders as they may *think fit*."

BANGALORE DISTRICT.—(3). It gives me great pleasure to testify to the excellent work done by Mr. McDonnell as Special Assistant Excise Commissioner. Both while in Shimoga and Bangalore I found him very zealous in promoting the interests of Government and the results achieved by him as shewn in the memorandum speak for the sustained vigilance exercised by him over the Excise Arrangements ever since he was transferred to the Government Distillery.

28th September,
Kallambella

(Signed) V. P. MADHAVA ROW,
Inspector General of Police in Mysore.

KOLAR DISTRICT—(4) I have not the slightest hesitation for acknowledging with thanks the hearty co-operation I received at the hands of Mr. McDonnell in successfully introducing the new Toddy scheme into the District—a scheme organized by him under Government orders and which resulted in bringing a large increase of Toddy Revenue to the Government Treasury. Mr. McDonnel is an energetic, zealous and hardworking Public servant.

(Signed) C. MADIAH,
Dy. Commissioner Kolar District.

5—10—93

TUMKUR DISTRICT.—(5) You ask me to state how you did your work here. I feel I am not competent to give a certificate to an Officer like you and moreover I do not know why you want it. However I may perhaps state that so far as I know, you were always anxious to improve the Excise Revenue as much as possible, and tried to do your best in the matter.

(Signed) B. K. VENKETAVARDIENGAR
Dy. Commissioner of Tumkur District.

5—10—93.

SHIMOGA DISTRICT.—(6). I cannot understand why you are so particular about securing our certificates when you are so well known to the Higher Authorities and have such a long service at your credit. Any how to satisfy you I have no hesitation to say that you have a very good experience of matters connected with the Excise Department, and you always work with much zeal and interest, though, at times, I cannot help observing you are rather

obstinate and stubborn and wish to go headlong in your own ways. I acknowledge willingly the help I have received from you on all occasions in respect of the details of the Excise duties.

(Signed) ABDUL RAHAIMAN, K. B.
Deputy Commissioner,

KADUR DISTRICT.—(7). During the short time Mr. McDonnell has worked with me I have found him energetic and most obliging in explaining things.

(Signed) H. H. SPARKES
Dy. Commissioner Kadur District.

26—9—93.

CHITALDROOG DISTRICT.—(8). Idon't know in what way I can add to the excellent testimonials you possess from the several distinguished officers under whom you have served. I can only say that in my opinion you fully deserve the encomiums they have bestowed upon you. I consider it unnecessary to assure you that you rendered me most valuable assistance to the Excise Branch of my work during the time I was Deputy Commissioner at Chitaldroog and I think your zeal, energy and capacity for work are beyond all praise.

(Signed) TIRUMALACHARY.
Sessions Judge Nagar Division.

29th September 1893.

MYSORE DISTRICT.—(9). I have personally not had much knowledge of Mr. McDonnell's work but I have always understood that he was a hardworking zealous Officer.

(Signed) G. F. MEIKLEJOHN
Commissioner of Coorg.

3rd October 1893.

HASSAN DISTRICT.—(10). I have much pleasure in responding to your desire that I should record my opinion of your work in the Excise Department so far as I had occasion to judge of it. I have found you always very zealous in your work—very painstaking to study every working and practical detail in order that you might ascertain defects and remedy them for the purpose of guarding the interests of Government and securing to it the fullest revenue possible from the various sources with which this Department deals. I have found you always anxious to work in subordination to me whenever I found it necessary to tell you to adhere to my views in any particular matter.

In your conduct towards me you have always been respectful. I have known you officially since 1885, I think, and I am glad to say that I never had any occasion to be dissatisfied with you. I might add that I have known few men who have their heart and soul in their work more than yourself.

(Signed) P. N. PURNAYA.
Dy. Commissioner of Hassan District.

9-10-1893.

NOTE.—See Sir Sheshadri Iyer's opinions Para. 9 and printed Notes under Toddy, and, Mr. Thumboo Chetty's opinion in para 6 of the same in particular, and generally, for practical nature of work performed by Mr. McDonnell, the Special Assistant Excise Commissioner in Mysore for 14 years.

Note—See also my memo on Ganja prepared for the Hemp Drugs Commission & the Remarks thereon in the Revised Report of the Govt of India (1894 (Notes attached) with

ABSTRACT OF SERVICE.

4

Offices.	Designation.	Pay.	Period.	Remarks.
			Yrs. M. D.	
1. Huzur Treasury and Accountant General's Offices	Accountant, Accountant and Checker, Diarist.	Rs. 25, 30, 35 & 40	3 2 15	
2. District and Division Offices	Deputy Clerk and Head Clerk ...	Rs. 70, 100 & 120	11 7 14	
3. Excise Department ...	Head Supervisor...	Rs. 120+30, 200 and 250 ...	9 0 0	
4. Do. Provincial Service	Special Assistant & Special Assistant Commissioner ...	Rs. 250, 300 and 500 + 60 ...	6 7 13	
5. Dewan's Office ...	Special Assistant Commissioner, Excise Branch ...	Rs. 500 + 60 ...	2 2 22	
Total Service from 1st June 1863 to 6th February 1896			32 8 6	

Attested
Asst Supdt

1 Name of Appointment.	2 Whether substantive or acting, and whether permanent or temporary.	3 If acting, here state the Substantive Appointment.	4 Pay.	5 Acting Allowance.	6 Date of commencement of Appointment.	7 Signature of Officer.
1 Accountant compiling Branch Chief Examr's office -	Substantive		25	"	1-6-63	
2. Cashier & Deputy of Accountant Gaol office	Do-	"	30	"	15-1-64	
3. Deputy of accountant Generals office -	Do-	"	35	"	1-5-64	
4. Deputy of accountant Genl Generals office	Do-	"	40	"	1-4-66	
5. Deputy Clerk of Supts office Shimoga Distt	Probationary	On full pay of Clerk	70	"	16-8-66	
6. Do-	Substantive	"	70	"	25-10-66	
7. Head Clerk - Ironmaster Distt Dy Supts office -	Temporary	of Clerk Shimoga Distt office	100	On full pay of Head Clerk District office -	23-7-67	
8. Dy Clerk - Dy Supts' office Shimoga Distt	Substantive	"	70		1-1-68	

Granted from 1st to 15th January 1868 - Nice man - Does work but in addition to all this and has a most calming & conciliatory of his superiors & particularly fitting

of office

THE ENTRIES IN THIS FORM ARE TO [illegible] EVERY FIVE YEARS; EACH ATTESTATION SHOULD BE CAREFULLY RULED OFF AND THE DATE THEREOF CLEARLY SHEWN.

Name of Officer.	Caste or Race.	Residence.	Father's Name.	Father's Residence.	Date of Birth.	Age. Years.	Age. Months.	Age. Days.	Exact Hight. Feet.	Exact Hight. Inches.	Personal Marks for Identification	Date of Entry into Service.	Signature of Officer.	Signature and Designation of the Head of the Office.
Wm. G. Wilson	Caucasian	Bangalore	Wm. Wilson Esq. Comm. Ord. Stores	Bangalore	8th May 1844	19	11	24	5	8 7/8	A mole on the chin	1st June 1863	Wm. G. Wilson	Offg. Commissariat Officer Bangalore

8 Character of Officer. *No entry need be made in this Column except when there is any thing either good or bad to be recorded. Suspension should be noted here when the order of suspension is passed and reinstatements in like manner.*	9 Signature and designation of immediate Head of the Office.	10 Date of termination of Appointment.	11 Reason of termination, *e. g., transfer, promotion, return of permanent incumbent.*	12 Signature and designation of immediate Head of the Office.
	(A)	14-1-64	Promotion	Vide Correspondence ending with Nagar Collr's No 313 dated 25th October 1866 copy attached.
Total Service Treasury Department 0-7-14			✓	
		30-4-66	Do	
Intelligent industrious and steady and possesses a fair knowledge of accounts. Sgd/ H. Hudson Dy Accountt General	(A)	31-3-66	Do.	Correct & verified Dy Accountt General (A) Sgd/
		15-8-66	Do	
In transit to join Bangalore & Shimoga from 5th & 16th August 1866.				
Total Service by Accountant Genl's Office		2-7-2	✓	
Vide Correspondence ending with Nagar Collr's No 313 dated 25th October 1866 copy attached.	(B)	24-10-66	Promotion	Correct & verified Dy Accountt General (B) Sgd/
		22-7-67	Do.	
Total Service		0-11-8		
2d Sheddonall worked hard for 5 months as Head Clerk of the Tumkur District under him but the multiplicity of work was too much for him at that time so he reverted to his former appointment. He bore a very good character Sgd/ A. J. Bruce Collr	(C)	31-12-67	Returned to substantive appointment on the appointment of another	Correct & verified Tumkur Collr's Order No 114 of 22nd Feby 1870 & the 12th Sept. 1867 Dist Order No 952 of 1867 (C) Sgd/ B. Krishna Rao Offg Collr & Dist Magr
Total Service		0-5-9		
Extract from the Admve Report of Shimoga District 1868-69. The 2d Clerk Sheddonall is a particular{ us a good Clerk & has a good knowledge of his{ he is most conscientious painstaking & industrious manner well calculated & qualified in the regard both for the post of Head of a Sub Office Shimoga 29th April 1869 Sgd/ J. G. Cummine Offg Supdt 2d Class		18-1-70	Promotion	
Extract from the Recommendation Roll Shimoga District. Intelligent and industrious a good accountant Shimoga 5th October 1869 Sgd/ J. G. Cummine Offg Supdt Shimoga Distt.	(D)	2-0-18		Remarks for previous Service in Shimoga District (D) Sgd/ B. Krishna Rao Offg Collr & Dist Magr

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Head Clerk. Dy Comrs office Kadur District	Substantive		100		19-1-70	

Mr Donnell who has already
and his efforts to keep the Registers not only

Satisfactory manner in which the Head
his duties in the English Deptt

indebted to Mr. Mc Donnell the Head Writer in the
bringing his Deptt records into good order - He may
I always very much to his superiors satisfaction -

my testimony to the Satisfactory manner in which
He is a Trust worthy Efficient -

office vide Copy of letter
Dy Comrs Kadur to the Comr Mysore Division (vide
Recommended for promotion in the Chief Commrs office in connection with the Kadur
given to Mr Mc Donnell by the Dy Comrs vide letter to the Secty No 8/207 22/1/72 No 4
made into the
and thanks recorded for the defects brought to light
vide Kadur Dy Comrs No 705 of the 5th March 78 to the

of the roles on fencing & pruning with plates - vide
Mr Mc Donnells address (Copy attached) - Re submitted
by Colonel Boodam forwarded the Same on to the
attached -

Division vide Copies of

8 Character of Officer. *No entry should be made in this Column except when there is any thing either good or bad to be recorded. Suspension should be noted here when the order of suspension is passed and reinstatements in like manner.*	9 Signature and designation of immediate Head of the Office.	10 Date of termination of Appointment.	11 Reason of termination, *e. g., transfer, promotion, return of permanent incumbent.*	12 Signature and designation of immediate Head of the Office.
Extract from the admn report Kadur District - 1869-70 - At the head of the English Deptt is Mr. pleased me much by his diligence & attention neatly but effectually are most praiseworthy Sign'd A. G. D Logan Offg Deputy Supdt		26-5-74 Magistrate & Mercy 1874.	Do transfd to Supdtcy Shimoga	Supdtcy Chickmagalur from 22nd to 26
Signed H. McDonnell Esqr Officiating Head of this Department Chief Offg Secy				
Extract from the admn report Kadur Distt 1870-71 I would also bring to notice the Clerk Mr. McDonnel appears to have conducted Sign'd H. M. S. Magrath Offg by Superintendent -				
Extract from the admn report Kadur Distt 1871-72 Para 197 - I have been very much English Deptt for the pains he has taken in emphatically be said to "work with a will" Sign'd H. E. Mottet Offg by Supdt Dated 13th May 1872 -				
I have much pleasure in adding Mr. McDonnell has discharged his duty - Sign'd H. E. Mottet Offg by Supdt Kadur District				
Recommended for promotion in the Division No 884 dated the 25th January 1873 from the Copy & letter attached) to by letter for the compilation of which the whole credit was Favorably reported for a searching investigation Sadilwar Accounts of the Chickmagalur Kutchery remedies suggested to effect their removal Govt of Mysore (Extract attached). Chief Govt thanks conveyed for the perusal Supdt Memo 7428/1247 of 27th March 73 & thro' our Govt Kadur & Govt who after approval Chief Govt vide Copies of correspondence				
Recommended for promotion in the Ashtagram correspondence attached - Mr. McDonnell informed his Honor my entire satisfaction				

1 Name of Appointment.	2 Whether substantive or acting, and whether permanent or temporary.	3 If acting, here state the Substantive Appointment.	4 Pay.	5 Acting Allowance.	6 Date of commencement of Appointment.	7 Signature of Officer.
					19-1-70	
					report for the	
	acknowledging the valuable clerk in my office who takes great interest in plantin Major Watter and myself to improve the Distr besides offering excellent suggestions from time to If a small allowance were granted to him from special charge of this branch I have no doubt	assistance received by				
	Servant has been useful in various ways as per takes great interest - I recommend one that for looking after plantations -				Clerk Magistrate 31st July 1874	
Acting Head Clerk Comm's office Nagaon	Head Clerk Kadur Distt or Com's office	As Head Clerk Nagaon Com's office -	120	full pay of post under the rules in force	27-5-74	
	Assistant on Permanent		100	"	3.5.75	2

2

1 Name of Appointment.	2 Whether substantive or acting, and whether permanent or temporary.	3 If acting, here state the Substantive Appointment.	4 Pay	5 Acting Allowance.	6 Date of commencement of Appointment.	7 Signature of Officer.
Head Supervisor Sandalwood Distillery Bangalore	Substantive and Permanent	Pay House allowance	120 30 } 150		1/4/78	
Vide Proceedings of Govt No 4887 - Rev 5 dated 16 Augt 1877 Sheriffmuhamm Sanctioned temporarily Nundidroog Supervisorship Letter No 4800/19-1 7th 1878 in the Office of the Revenue Commissioner						
Head Supervisor	Substantive and Permanent		200		1/4/84	
do	do		250		1/4/85	
Special Assistant	do		250 300 H.A. 60		1/4/87	
Special Assistant Commissioner	do		do		15/12/87	
Special Assistant Commissioner	do		500 H.A. 60		1/4/89	
Special Assistant Commissioner Revenue Office	do		500 Personal Allowance 60		14/4/93	

8 Character of Officer. *No entry can be made in this Column except when there is any thing either good or bad to be recorded. Suspension should be noted here when the order of suspension is passed and reinstatements in like manner.*	9 Signature and designation of immediate Head of the Office.	10 Date of termination of Appointment.	11 Reason of termination, *e. g., transfer, promotion, return of permanent incumbent.*	12 Signature and designation of immediate Head of the Office.
Extract from the Kadur Distt Rev: admn report for 1873-74. No 76 dated 15th May 1874. Arboriculture Paras 236. I cannot close this subject without noticing in this respect from Mr McDonnell the Head Asst and has done much both in the drawing office garden graft trees & train gardens &c in all matters connected with arboriculture the provision for planting and he be put in that much good will result. True Extract Sd/ P. Kristna Rao offg on Comm's Kadur Distt.		26-5-74	Promotion	
Mr McDonnell is an efficient Public officer in the matter of planting in which he has an addition might be made to his Salary Sd/ P. Kristna Rao offg on Comm's		4-4-9		
Promoted by me on account of his previous excellent Service Sd/ A. Ricketts offg Comm's Kadur Dist 29th August 1874. Mr McDonnell has shown himself to be a hard working & intelligent Officer. I should have liked to have confirmed him in the post of Head Clerk had not Permanent Incumbent returned to his appointment. 2.6.75.		10-4-75 0-10-15	Return of permanent incumbent	
Recommended promotion to post of Asstt of Cudapah in the room of [illegible] confirmed by the Dy Com'r Kadur & Com'r Coimbatore (Vide Correspondence attached).		8/3/78		
Petn for appointment as Head Asstt Military Secretary's Office Bangalore in both Dy Com'r Kadur & Com'r Coimbatore (Vide correspondence attached)				

P. M. O.

8 Character of Officer. *No entry need be made in this Column except when there is any thing either good or bad to be recorded. Suspension should be noted here when the order of suspension is passed and reinstatements in like manner.*	9 Signature and designation of immediate Head of the Office.	10 Date of termination of Appointment.	11 Reason of termination, *e. g.*, *transfer, promotion, return of permanent incumbent.*	12 Signature and designation of immediate Head of the Office.
Vide correspondence attached —		31/3/84	Promotion Pros: No 1382-91 87 27 29/5/84.	
Mr. Mc Donnell has worked to my entire satisfaction for the last 6 months or so since I assumed Charge of the Hudson Distn and I am sure he will merits the promotion he has aimed. C.P. Allen. Dy Comr Hudson Dt Cudoor 15-3-78.				
		31/3/85	Promotion Pros. No 1425-6 of 22/12/86	
Vide printed Testimonials and Memo attached		31/3/87	Promotion Pros: No 225 4-8 dated 28/3/87.	
		14/12/87	Promotion Note No: 4.	
		31/3/89	Promotion Pros: No 1852 of 24/3/90	
		13/11/93	Transfer Pros. 1492-3 4.74 30/11/93	
		6/2/96	Retired Govt on Pros 283 of 6/2/96	

1 Name of Appointment.	2 Whether substantive or acting, and whether permanent or temporary.	3 If acting, here state the Substantive Appointment.	4 Pay.	5 Acting Allowance.	6 Date of commencement of Appointment.	7 Signature of Officer.

(5) 93

No 32 Brigade Road
Bangalore 7th February 1896

SECTION 911
FILE No. 911 1895b
SERIAL No. 2

Khan Bahadur Abdul Rhyman
3d Counsellor to the
Government of Mysore
Bangalore

Sir,

I acknowledging the receipt of the Order of Govt as per margin*, I have the honor to solicit you will be graciously pleased to authorize the Comptroller to pay the amount of the enclosed bill for three months emoluments to which I am entitled under Article 287 of "the Mysore Service Regulations", for so suddenly retiring me, without any Notice whatever, from the Public Service - a step which has entailed much hardship specially on me, at the age of 57 - & on the principle of Life - I have the honor to be

Sir, Your most Obt Servant

A. Abdul Rhyman
Retired Spl Dpty Commr
Revenue Office

* Order No 12636 6th Instant:-
"Para 4 - Mr. J. G. McDonnell
"the Appl Commr is retired
"on Invalid Pension and
"his place will not be filled
"up"-

94

Government of Mysore — Dr

Particulars	Amount	Remarks
To Amount of three months emoluments due to me under Article 287 "The Mysore Service Regulations" for being suddenly retired from the Public Service, under Order No 12636 dated 6th instant, without any notice whatever being given to me as enjoined under the Rules in force — —	Rs As P 1680-0-0	
	Total Rs 1680-0-0	

E.E. "contents received"

Rupees One thousand six hundred and eighty only.—

Bangalore
7th February
1896

L.G. Whittle
Retired Spl: Asst Commr
Dewan's Office

Pro: of the Govt of Empire
Pta Branch

9 03-4
Pta. 768 & 15/2/96

9503-4 of 15/2/96
PJA 768

Erratum
para 4 of
In Government Proceedings
No 9121 dated 6th
February 1896, for the
word "Invalid" read
"Compensation".

SECTION P R
FILE No. 9 / 1895 / 96 / Trust 263
SERIAL No. 9

Dft JP
13/2/96 Genl. Secretary

Ltr 13/2/96
To The Comptroller & the
Myome Govt.
" Hon J. G. McDonnell
for information

96

SECTION X1

FILE No. 96/18755

SERIAL No.

Dear sir I beg respectfully to
enclose herewith, to be attached
to Register of Service
and the last page of my testimonial
It is of some importance as bearing
on one of the points of my case

There is also a page
which was omitted and may be
added just under the 2 Magistrate's
testimonials at page 4:

I beg humbly to solicit
that in para 2 clause (2) of my
printed petition of the 7th inst
the words on account may be

Humbly

kindly struck out and the words —
"sir Lew" substituted in the 7th line.

With apologies for
troubling you —

I beg to remain
sir
Your most obedient Servant

J. G. Wheeler
Asst. S. Master

Bangalore 15/2/96

Rajkumar Praveen:
T. R. A. Thurston Esq. C.S.I
1st Member of Council

* Extract from the Proceedings of Government Camp No. 1425—6 Mysore 22nd December 1886.

Para 2. Major Macentire recommends maximum pay to Mr. McDonnell and adds that "It is respectfully solicited this may be granted with retrospective effect from 1st April 1884 in consideration of the large sums "secured through practical proposals submitted by him to increase the Revenue from Arrack, Opium and Ganja up till "date." Mr. Rickett when Dy. Commissioner, submitted a recommendation to the same effect. Mr. McDonnell has worked with special zeal and in recognition thereof, he will be permitted to draw the maximum pay of his appointment, *viz.*, Rs. 450 per month with retrospective effect from 1st April 1885. * * *

(1). As desired

From Mr. J. G. McDonnell, Special Assistant Excise Commissioner Dewan's Office, to the Collector, Civil and Military Station, No. 222, dated 5th October 1893.

the printed questions put by the "Hemp Drug Commission," with my replies thereon in juxta-position and to state that for ready record I have embodied the whole subject connected with ganja in a separate memo: which I have printed and now enclose you six copies. This memo will prove useful to Excise Officers as it will give them an insight into details of which they are not posted up in at present, especially, as regards the various preparations of the drug and the *net* quantity of Ganja in each recipe the actions and uses of the drug relative to which they have to give evidence at times before a Magistrate.

2. * * * * *

3. The following are samples of drugs and preparations alluded to in my printed memorandum:—

(A) Mulki Ganja.
(B) Vellore do.
(C) Cocanada do.
(D) Majim.
(E) Alwa (Kamara Jaffra) Preserved in 60° O. P. to prevent spoiling.
(F) Bhang do. do. do.
(G) Charas.—(Not procurable now).
(H) Madath ((1) Jali leaf fried / (2) do. fresh)
(1) Churun.

From Mr. J. G. McDonnell, Special Assistant Excise Commissioner Dewan's Office to the Chief Secretary to Government, No. 221 dated 4th October 1893.

(1). * * * *

(2). As Excise Officers are not posted up in the subject of Ganja, I would suggest that Deputy Commissioners may be sent spare copies of my printed memo for circulation to them for information and study.

From the Collector, Civil and Military Station, to J. G. McDonnell Esq, Special Assistant Excise Commissioner, No. 1153 of the 15th January 1894.

(1). * * * requests 12 more copies of his memorandum on hemp drugs for transmission to the 1st Assistant to the Resident who has called for the same.

* * * *

Complied with in No. 240 of 17th January 1894 by the Special Assistant Excise Commissioner in Mysore.

The following are Extracts from the Report of the "Hemp Drugs Commission" 1893-94 in so far as this relates to the Province of Mysore and Mr. McDonnell's memorandum therein alluded to (copy whereof is hereto attached):—

Spontaneous growth.

76. The report of Mr. McDonnell, Special Assistant Excise Commissioner, shows that hemp sprung from chance seed is often found in all the eight districts of the Mysore State; but it does not appear to be abundant anywhere or more frequent in one district than another. The seed thrown away on dust heaps finds its way with the manure into fields and gardens. It is reported both from Mysore and Bangalore that when such plants

are discovered they are uprooted, and that prosecutions are instituted if there is evidence of their having been cultivated.

Extent of cultivation.

139. In the Civil and Military Station of Bangalore the cultivation of the hemp plant is prohibited. * * *

Mr. McDonnell, the Special Assistant Excise Commissioner, who seems to have made a study of the whole subject of the hemp drugs, describes the method by which a superior quality of ganja is produced locally, and he thinks that its great value in the market as compared with imported ganja must be a strong inducement to clandestine cultivation in yards and gardens. He is evidently of opinion that this is not at all unfrequent, especially in towns and large villages where concealment is more easy. He is corroborated in some degree by other information. *

Method of cultivation.

212. A peculiar method of cultivation is described by the Special Assistant Excise Commissioner :—

* * * * *

Mr. McDonnell describes a very similar, but even more remarkable, method, to judge by its results in size of the plant: "When specially cultivated, a circular pit two or three feet in diameter and a foot or so deep is excavated, and well manured with cow-dung and ashes. The plants are made to form a circle round the edge of the pit, and the centre is heaped up with manure as required. The stems rise five to seven and often twelve feet high, *each has thick as a man's wrist*, and are supported by staves secured with ligatures from the aloe leaf. In other cases single plants are raised in each pit. *The stem is then the thickness of man's arm*, five feet high, and as much in diameter. The stem is taken in both hands, and twisted at the root just above the surface of the ground to stunt the growth.....The male plant is profitless, and is uprooted and thrown away." * * *

Preparation of the Raw Drug.

266. The details of information describing the preparation of ganja in Mysore are limited to drying in the sun and tying into bundles. Mr. McDonnell's memorandum does not give a description of the Mysore practice. What he says about the Vellore and Coconada samples agrees with what he has been learnt from Mr. Benson's bulletin.

Systems.

700. The administration of excise in Mysore in respect of hemp drugs is based upon Act XXII of 1881, which is in force in the State, and is in advance of that of both the presidencies with adjoin it. Cultivation is forbidden except under license, and the produce of all licensed cultivation must be sold to the licensed contractor or exported under a pass. But licensed has been practically abandoned ; and though it is stated in the memorandum that illicit cultivation and smuggling are not carried on to any appreciable extent, there seems some doubt whether this view is correct. Mr. McDonnell, the Special Assistant Excise Commissioner, states that, "owing to the heavy dues imposed by the State (Rs. 24 per Indian maund) and the abnormally low price of ganja across the frontier, there are strong inducements to commit a fraud in the Mysore revenue." Thus, although the climate and soil of the State are well adapted for the production of the ganja plant, the regulations introduced by the State authorities for controlling its production have had the effect of stopping it altogether owing to the want of system in British territory and the facility with which it is procurable thence at much a lower rate ; and a large amount of the ganja imported pays no duty. In regard to this, Mr. McDonnell says, "Mysore is heavily handicapped by the extensive smuggling of ganja from Her Majesty's territory."

* * * * *

This appears to the Commission to afford a cogent argument for the introduction of control in the Madras and Bombay Presidencies.

The following are extracts from correspondence in connection with the evidence required by the "Hemp Drug Commission" and the remarks of the commission thereon :—

From Mr. J. G. McDonnell, Special Assistant Excise Commmissioner Dewan's Office, to the Collector, Civil and Military Station, No. 222, dated 5th October 1893.

(1). As desired * * * I have the honor to transmit the printed questions put by the "Hemp Drug Commission," with my replies thereon in juxta-position and to state that for ready record I have embodied the whole subject connected with ganja in a separate memo: which I have printed and now enclose you six copies. This memo will prove useful to Excise Officers as it will give them an insight into details of which they are not posted up in at present, especially, as regards the various preparations of the drug and the *net* quantity of Ganja in each recipe the actions and uses of the drug relative to which they have to give evidence at times before a Magistrate.

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Mr. McDonnell describes a very similar, but even more remarkable, method, to judge by its results in size of the plant: "When specially cultivated, a circular pit two or three feet in diameter and a foot or so deep is excavated, and well manured with cow-dung and ashes. The plants are made to form a circle round the edge of the pit, and the centre is heaped up with manure as required. The stems rise five to seven and often twelve feet high, *each has thick as a man's wrist*, and are supported by staves secured with ligatures from the aloe leaf. In other cases single plants are raised in each pit. *The stem is then the thickness of man's arm*, five feet high, and as much in diameter. The stem is taken in both hands, and twisted at the root just above the surface of the ground to stunt the growth.....The male plant is profitless, and is uprooted and thrown away." * * *

Preparation of the Raw Drug.

266. The details of information describing the preparation of ganja in Mysore are limited to drying in the sun and tying into bundles. Mr. McDonnell's memorandum does not give a description of the Mysore practice. What he says about the Vellore and Coconada samples agrees with what he has been learnt from Mr. Benson's bulletin.

Systems.

700. The administration of excise in Mysore in respect of hemp drugs is based upon Act XXII of 1881, which is in force in the State, and is in advance of that of both the presidencies with adjoin it. Cultivation is forbidden except under license, and the produce of all licensed cultivation must be sold to the licensed contractor or exported under a pass. But licensed has been practically abandoned ; and though it is stated in the memorandum that illicit cultivation and smuggling are not carried on to any appreciable extent, there seems some doubt whether this view is correct. Mr. McDonnell, the Special Assistant Excise Commissioner, states that, "owing to the heavy dues imposed by the State (Rs. 24 per Indian maund) and the abnormally low price of ganja across the frontier, there are strong inducements to commit a fraud in the Mysore revenue." Thus, although the climate and soil of the State are well adapted for the production of the ganja plant, the regulations introduced by the State authorities for controlling its production have had the effect of stopping it altogether owing to the want of system in British territory and the facility with which it is procurable thence at much a lower rate ; and a large amount of the ganja imported pays no duty. In regard to this, Mr. McDonnell says, "Mysore is heavily handicapped by the extensive smuggling of ganja from Her Majesty's territory."

* * * * *

This appears to the Commission to afford a cogent argument for the introduction of control in the Madras and Bombay Presidencies.

Memorandum containing information connected with Ganja and its preparations in so far as the subject relates to the Province of Mysore, drawn up by Mr. J. G. McDonnell, Special Assistant Excise Commissioner in Mysore, Doing Duty, Dewan's Office.

I.—I framed the two sets of Rules to deal with the check and supervision over drugs falling under the Excise Act for both the Mysore State, and the Civil and Military Station of Bangalore—*vide* references quoted in the margin. The new Rules (draft) printed and sent up to, and now before the Mysore Government, were originally drawn up by me in 1889, in co-operation with Colonel Campbell, the first Excise Commissioner in Mysore. For the purposes of the present enquiry I have made it my *special* duty to conduct personally a thorough investigation again, into the whole subject, and the results recorded in this paper have thus the benefit of having been effected by an officer who has had 14 years' experience of this subject and who has moreover been brought in constant and direct contact with both sellers and consumers at Bangalore, and throughout the Mysore State, during his tours of inspection. To render this paper as complete as possible I have enlisted the aid of a Medical Practitioner to give me the help required to dispose of the Medico-legal queries put by the "Indian Hemp Drugs Commission."

(1) Pros. of the Government of Mysore, No. 212 dated 27th February 1885 covering Notification No. 229, dated 27th Idem.
(2) Notification No. 2531—2756, dated 11th September 1886 by the Resident of Mysore.

II.—The following may be accepted as the definitions of *Ganja* and the names under which the different productions and preparations thereof are locally known in the Province of Mysore :—

(1.) *Botany.**—It is an annual, generally dicecious, *Root*, white, fusiform. *Stem* three feet to six, or twelve or more feet high in Mysore, erect, simple when crowded, branched when growing apart, angular, pubescent. *Leaves*, on long weak petioles, opposite or alternate, digitate, scabrous, leaflets 5 to 7, narrow, lanceolate, sharply serrated. *Stipules*, subulate. *Inflorescence*, males, racemose; females in spikes. *Fruit*, ovate, one-celled, with a solitary seed.

(2.) *Characteristics of Ganja.**—The flowering tops of the female plant bearing the remains of flowers, the ripe fruit and seed, the whole forming with the resin exuded and moistened with dew an agglutinated spike—rather longer than broad—carefully picked off and dried. It is of a dusky green color and a characteristic odour.

(3.) *Designations of Ganja, its products and preparations.*—The "Indian Hemp" referred to in the Ganja Rules and by the Indian Hemp Commission is the *Cannabis*

* Note.—From Dr. Alexander Milne's "Manual of Materia Medica and Therapeutics," Second edition, p. 49, modified to suit the circumstances in Mysore.

Sativa, Linn. N. F. *Urtricaceæ* of the Pharmacopœia. *Hindustani—Ganja; Canarese—Bangi-Soppu; Tamil—Ganja-Yela; Telugu—Bangi-Aku.* The intoxicating native productions and preparations of the plant are known as (1) *Ganja,* (2) *Churrus* (*Resin*), (3) *Bhang,* (4) *Majjm,* (5) *Alwa,* (6) *Churum,* (7) *Curry*; (8) Preparations according to Pharmacopœia *(a) Cannabin; (b) Extractum Cannabis Indicæ; (c) Tinctura Cannabis Indicæ; (d) Cannabinæ Tannas; and (e) Cannabinon.*

1. *Ganja.*—There are three varieties of *Ganja* which are, or have been utilized in the Province of Mysore.

(*a*) *Mulki or Kulli Ganja—sample in bottle marked (A).*—See para. II clause (2) above for a description of the plant and para. IV (*a*) for mode of cultivation, &c. As a rule the tiny leaflets are picked out by hand from the tops or agglutinated spikes as they appear when the plant is growing and the leaves are only seen on the larger branches and stems. The sample sent was not preserved by a professional cultivator and clearly appears to have been prematurely removed from the plant as the leaflets are apparent and large instead of being absent. The tops or agglutinated spikes are pinched off after heavy dew has fallen. In the sample sent it has been *pressed* instead of being preserved as usual in spikes It will thus be seen that in good *Mulki* or *Kulli Ganja* there should be very few or no tendrils at all: the resin, the flower, the ripe fruit and a few immature seed all combined constituting the drug. The price is Rs. 75 to 80 per maund of 25 lbs. The *Ganja* when moistened with dew or water is clammy to the touch as the resin is thus partially dissolved. The tops or agglutinated spikes when plucked are then put into a pot, the mouth secured against the action of the air with cloth, covered with a coat of moistened clay and preserved for use. Thus treated and preserved from the action of the air, damp, etc., it retains all its virtues for a very long while In one chemist's shop, I saw the *Ganja* preserved in a large glass-stoppered jar. In another, I observed the "*tincture*" to be kept in a crystal-stoppered bottle while the "*extract*" was kept in a loosely covered porcelain cup. In the latter case it must necessarily lose its virtues sooner than in the two former. In out-lying villages where it is not pressed, it is exposed to the sun for three days, and then made into bundles each containing twenty-four stalks 12 to 18 inches long with the tops or agglutinated spikes attached thereto as originally severed from the plant.

(*b*) *Vellore Ganja—sample in bottle marked* (*B*).—This *Ganja* is imported from the Vellore District, in the Madras Presidency. It is obtained as the "*Kulli*" is in Mysore but the tops or agglutinated spikes appear to embrace a large number of the smaller leaflets. These tops or agglutinated spikes are spread out on a date mat and packed quite closely together. Another mat is then placed over this and heavy flat stones laid thereon to compress the drug into flat cakes half an inch or so thick and several inches wide. The *Ganja* is then made into parcels of two-and-a-half maunds each which are covered over with *Goni* (hemp) cloth. It is then ready for the market. It is not so much appreciated as the "*Kulli*" or "*Mulki*" *Ganja*. There is a good deal of powdered ganja added in packing. This is generally due to some of the larger leaflets being utilized. But more frequently the parcels made up by the cultivator are opened by the "*Chetti*" trader and some of the rejected powder obtained from the retail dealer inserted between the cakes. The rejected powder is a regular item of trade for this fraudulent purpose. The presence of the resin is not so marked in the Vellore *Ganja* as in the "*Kulli*" or "*Mulki*" *Ganja*. In many cases I was informed, the resin or *churrus* has been extracted by the application of warm water applied over the mats and then dried to prevent its becoming mouldy.

(*c*) *Coconada Ganja—sample in bottle marked* (*C*).—The spikes have been removed from the stalks. They seem fresh This *Ganja* is imported from the District of Coconada in Her Majesty's Territory. When the *Ganja* has become matured branches 6 to 9 inches long are wrenched off. A large *Goni-bag* about five feet long to one end of which another circular piece of *Goni* three feet in diameter has been stitched on, is provided. Into this *Goni* bag the *Ganja* branches with the tops or agglutinated spikes on, after being dried, are thrown in and two men trample them down. Another armful of *Ganja* is then thrown in and trampled down; and so on till the bag is quite full. The bag holds

about 10 to 12 maunds. The upper opening is then closed in with branches of the *Ganja* plant with hemp cords, passed through and laced to the edges of the *Goni*-bag. It is thus easily tampered with *en route*. From the careless manner in which the drug is gathered, the larger leaflets are utilized. The longer it is kept, the darker the colour becomes. The light green colour observed in the fresher stuff is generally absent in the drug imported into Mysore. The price is Rs. 3 to 4 per maund delivered in Bangalore. This is the rate when purchased from the producer (see para. IV (*b*) under Cultivation).

2. *Churrus.*—This is the concentrated resin exudation collected from the leaves and tops or agglutinated spikes of the ganja plant. Men dressed in complete leather suits pass through the ganja fields rubbing and crushing themselves roughly against the plants early in the morning, just after sunrise, and when a fall of dew has taken place the gummy matter is then scraped off from the leather suits and forms the ganja-resin of commerce. There are other ways of collecting the resin either by rubbing the leaves between the palms of the hand, or over a cloth, and then collecting the resin deposited from the leaves, &c. which in that case is naturally mixed with the chaff. To test the vitality of the drug a pinch of Ganja is placed in the palm of the left hand and pulverized with the thumb of the right hand, and a little water is then added. If the powder becomes adhesive and can be formed into a ball, it is good. If not, it is mere chaff, especially, if it appears stale and mouldy and is dark in color and the drug has lost its characteristic odour.

3. (*a*) *Bhang.*—This preparation of *Ganja* is made up of the ingredients and in the proportions noted against each in the table as per margin. The *Ganja* was put into 10 oz. of cold water and boiled for 5 minutes. The *Ganja* was kneaded into the hot water with the hand, and the moisture drained, and expressed with the hand therefrom. The stalks and seeds were then removed. The residuum was ground on a curry-stone into a fine paste and milk added as required to keep up the consistency. The other ingredients were then cast in and ground with the *Ganja* into a fine paste. The weight of this ball was 530 grains. The Cuscus and Cucumber seeds were ground and kept separately in one ball, the weight of which was 440 grains. Both these balls were dissolved in 20 oz. of milk and passed through muslin and the sediment which weighed 340 grains was then thrown away as it was of no use. Sugar was then put in and the whole mixture was again strained. This mixture is enough for two men in one day. One-fourth of the quantity was taken before, and the other after meals, by each of the two men to whom it was given by me. *Bhang* is sometimes eaten dry without the addition of water or milk. A man will take one-and-half tolas (270 grs.) in two doses or the whole at once as he is habituated to its use or not. "*Bhang*" is made daily as needed. "*Bhang*" is made at home and consumed there. "*Bhang*" is not sold in the Bazaar in the Mysore Province. Marwadies when making *Bhang* (*a*) omit items 4, 6, and 7, but use milk only at the Holi (Kama) feast and on other occasions they add ghee.

No.	Name of Ingredients.	Quantity.	Price.		
		Grs.	RS.	A.	P.
1	Ganja	220	...	...	8
2	Cuscus (poppy seeds) ...	120	...	...	1
3	Pepper	120	...	...	1
4	Dry Ginger	40	...	...	1
5	Soapu (caraway seeds) ...	10	...	...	$\frac{1}{8}$
6	Cloves	10	...	...	$\frac{1}{4}$
7	Cinnamon	10	...	...	$\frac{1}{8}$
8	Cucumber seeds	120	...	...	1
9	Cardamoms	10	...	...	$\frac{1}{2}$
10	6 Almonds...	120	...	...	4
11	Nutmeg	10	...	...	1
12	1 Rose	60	...	...	2
13	Sugar $\frac{1}{2}$ seer	2160	...	...	9
14	Milk $\frac{3}{4}$ seer...	20 oz.	...	1	6
	Total ...	...	...	3	11

(*b*) *"Bhangi-Subjee" is that to which "Subjee (Ocimum Basilicum) seeds" have been added.*—All the ingredients used for *Bhang* (3*a*) above, except sugar and milk are used for the "Bhangi-subjee." Water is substituted for milk. It is a cooling drink, especially in hot weather.

4. *Majim.*—A recipe for making six maunds of *Majim* is given in the margin. It is that adopted at the Government Central Distillery in this province by the Contractor. The *Ganja* powder collected in vending is utilized if not too old. It is broiled in an iron caldron. The *Ganja* and the spices are all then pounded and kept separately. All the ingredients are now sifted, cleaned and mixed. The jaggery is made into a thick syrup. The granular kind of jaggery is selected as otherwise the *Majim* will become a hard and ropy mass quite unfit for sale or use. The ghee is then put and well stirred in. While the mass is hot the other ingredients are added little by little and the whole mass thoroughly stirred up again and allowed to cool a little. Before it becomes quite cool the mass is manipulated with both hands and reduced to powder without leaving clots. The Bazaar price of Majim is 3 cash per tola. In every tola of Majim there are 48¾ grains of *Ganja*. The Government duty is 2 annas per seer, (24 tolas) and the Contractor's cost Rs. 0—1—6. He sells it to the Retail Vendors at Rs. 0—4—6.

No.	Name of Ingredients.	Quantity.			Price.		
		Mds.	Sr.	T.	Rs.	A.	P.
1	Ganja (at cost price) ...	1	25	...	5	11	...
2	Cloves	...	3	...	...	10	...
3	Soapu (Caraway seeds) ...	...	4	18	...	9	6
4	Cuscus (Poppy seeds) ...	...	15	8	2	8	11
5	Cinnamon	...	4	12	...	13	6
6	Jaggery	5	10	...	7	8	...
7	Ghee...	...	15	...	4	3	6
	Firewood 3 maunds ...	...	...	...	...	6	...
	Cooly	...	...	...	...	9	7
	Total...	7	37	14	23	...	...

5. (*a*) *Ordinary Alwa.*—A recipe for this preparation, as made and sold in the bazaars is given in the margin with the proportions noted against each. The *rollong* is kneaded into a stiff paste with water. The paste is then washed over and over again with clean water and all the fluid collected in a vessel, till the water runs clean from the *rollong*. The glutinous matter is rejected and the fluid allowed to stand for four hours. The supernatant liquid is then decanted off and the residuum alone retained. The sugar is boiled into a thick syrup, the residuum of the *rollong* added and stirred, till the whole mass thickens, when the ghee is poured on and is thoroughly amalgamated. The almonds are shelled, the kernels put into boiling water and allowed to soak till the outer jacket can be slipped off readily when pressed between the fore-finger and thumb. The essence of rose is then added. If a small piece of the *Alwa* is applied to the tongue and it does not adhere to it, it is a proof that the process is completed. The almonds cleaned are placed entire on the top of the *Alwa* after it has cooled. When private parties want *Ganga* added they supply the needful to the sweetmeat-man who boils it with water till ebullition ensues, the water is then expressed out of the drugs and rejected and the residuum is put into the ghee and boiled again and the syrup and residuum of the *rollong* are then added and the process completed as set forth above.

No.	Name of Ingredients.	Quantity.	Price.		
		Seer	Rs.	A.	P.
1	Rollong...	1	...	3	...
2	Sugar	1	...	1	6
3	Ghee	½	...	2	3
4	Almonds (unshelled) ...	2½	...	5	...
5	Essence of Rose	1½	...	...	6
6	Ganja	*	...	...	...
	Firewood.....	...	...		9
	Total...	...	...	...	...

* According to the requirements of each private party needing the alwa. The quantity for adults in ordinary cases is given in receipts No. 5 (*b*) and (*c*) in next page.

(*b*) *Alwa* :—A recipe, for the preparation of *Alwa* for children. (1) One tola (180 grs.) of *Ganja* should be boiled with a quarter seer (5 oz.) of cold water for quarter of an hour, the *Ganga* is then taken in the hand and all the water expressed out of the residuum. The stalk and seeds are then removed. The *Ganja* is now boiled with half a seer (12 tolas) of ghee for half an hour and then strained and the sediment rejected. (2) The sugar is now boiled with quarter seer (5 oz.) of cold water till it becomes a thick syrup. (3) The poppy-seed, dry figs, almonds, and rose petals should be well ground and put into item (2) and well mixed. The other ingredients should be well pounded. *Koonkum* flower and *Pachchai Kurpoor* should be ground with a little water to form a sauce. All the ingredients are now cast into one vessel and the honey added and well mixed. This preparation is sold at one cash per ball of 54 grains which is a dose for a child eight years old. The ball contains $\frac{2}{3}$ grs. of *Ganja*.

No.	Name of Ingredients.	Quantity. Tolas.	Price. Rs.	A.	P.
1	Ganja	1	...	...	6½
2	Nutmeg	2	...	1	6
3	Cunchoori-root ..	½	...	...	½
4	Cardamoms	½	...	...	3
5	Cloves	½	...	...	1
6	Caraway seeds (Soapu) ..	1	...	...	1
7	Cinnamon	1	...	...	1½
8	Sandal	1	...	...	2
9	Anise seed	1	...	...	3
10	Rose petals	3	...	...	9
11	Honey	3	...	...	6
12	Dry Figs	1	...	...	1½
13	Sugar	24	...	1	6
14	Almond	24	...	2	...
15	Koonkum flower (Saffron)	⅛	...	1	...
16	Pachchai-Kurpoor ...	⅛	...	2	6
17	Ghee	12	...	2	3
18	Firewood	...	...	1	4
	Total...	75¾	...	15	...

(*c*) *Alwa—Kamera-Jafran.*—A recipe for this preparation for adults is given in the margin. (1). The *Ganja* should be boiled well and the water expressed out and rejected. The residuum is then ground. (2). The other ingredients should be pulverized and mixed with the *Ganja* powder after it has been well boiled with ghee. This preparation is sold at five cash per ball of 180 grains which contains 14⅖ grs. of *Ganja*. The material difference between the two preparations *b*. and *c*. consists in the liquid infusion of the *Ganja* after being boiled with the ghee being retained for children while in that for adults the "sediment" of the *Ganja* after being boiled with water is bodily added to the preparations while the water is rejected.

No	Names of Ingredients.	Quantity Tolas.	Price Rs.	A.	P
1	Ganja	4	...	6	6
2	Nutmeg	4	...	3	...
3	Cunchoori root	4	...	...	4
4	Cardamom	1	...	...	6
5	Clove	1	...	...	2
6	Caraway seeds (Soapu) ...	2	...	...	2
7	Cinnamon	1	...	...	1½
8	Sandle	1	...	...	2
9	Anise seed	1	...	...	3
10	Mace	1	...	2	...
11	Ghee	6	...	1	2
12	Jaggery	24	...	...	10
13	Firewood	...	...	...	9½
	Total...	50	1	...	...

(6). *Churun.*—A recipe for the preparation of *Churun* is given in the margin. The *Ganja* is mixed with 6½ oz. of cold water and boiled for 20 minutes. The water is all expressed out of the *Ganja* with the hand and the other ingredients are all fried properly on a metal or earthen plate and then ground to a fine powder on a curry-stone, except the cocoanut which is cut up into minute pieces. The whole is lastly mixed with the sugar. The ghee is first dissolved and then added to the mass and well mixed up. The total quantity weighed about 22 tolas. This is enough for five men for one day but only three men ate of this quantity—4 tolas (720 grs.) each. It is eaten little by little at intervals during the day. It will keep for six months.

No.	Name of Ingredients.	Quantity. Tolas.	Price. Rs.	A.	P.
1	Ganja	3	...	1	8
2	Kadalé (Bengal gram)	6	...	...	2
3	Cuscus (Poppy seeds)	½	...	...	½
4	Cinnamon ...	½	...	...	1
5	Clove	½	...	...	1
6	Pepper	½	...	...	1
7	Almond	½	...	...	1
8	Ginger	½	...	...	½
9	Dry cocoanut ...	3	...	...	1
10	Fried Rice ...	3	...	...	¼
11	Beaten Rice ...	3	...	...	¼
12	Soapu (Caraway seed)	½	...	...	½
13	Sugar	6	...	...	3
14	Ghee	6	...	1	2
15	Firewood ...	...	...	...	8
	Total....	33½	...	4	6

Each tola of *Churun* contains 16½ grs. of *Ganja.*

(7). *Curry.*—With other ingredients of a *Native Curry* a tola (180 grs.) of Ganja is ground on a curry-stone and added to every ½ seer (one lb.) of mutton used and partaken of by the meat-eating classes.

8. The following are the preparations of *Ganja* according to the British Pharmacopœia, with a brief summary giving the analysis; mode of preparation and doses; the medicinal properties of the drug; the antidotes applied in case of over-dose; and the actions and uses thereof extracted from Standard medical works. I have given at the end of this paper, under head V., the results of two special experiments made, under my personal supervision, with the *Native drug*, and that obtained from the Chemist, prepared according to the Pharmacopœia.

Analysis.—(*a*).—*Cannabin*, a risin on which its properties depend and developed only in a warm country, a small quantity of volatile oil, extractive &c. The resin is of a dark green color, has a fragrant odour, a warm, acrid and bitter taste, and is soluble in alcohol and in ether and in the fixed volatile oils.

† (*b.*) *Extractum Cannabis Indicæ.*—Indian Hemp, in coarse powder, 1; Rectified spirit, 5 : macerate seven days, press out the tincture, distil off the spirit, and evaporate to a soft extract.

6 of Indian Hemp yield 1 of Alcholic Extract.

Dose.—¼ to 1 grain in pill.

† In *delirium tremens*, 2 grains of Extract of Indian Hemp given every hour for four times gave relief. L. M. R.' 81, 192.

† Extract of Indian Hemp varies considerably in strength, consequently the dose should always be small to commence with; toxic symptoms have been produced with 1 grain.

† (*c.*).—*Tinctura Cannabis Indicæ.*—Extract of Indian Hemp, 1; Rectified spirit, 20 dissolve=(1 in 20).

22 minims contain 1 grain of extract.

Dose.—5 to 20 minims with 1 dram of Mucilage, adding 1 oz. of water.

In prescribing the Tincture it should be previously triturated with the mucilage or the resin will be precipitated by the water.

† (*d*).—*Cannabinæ Tannas* (Not official).—An amorphous yellowish powder, sparingly soluble in Water, Alcohol and Ether. Soluble in acidulated alcohol.

Dose.—4 to 8 grains, mixed with Sugar and taken as a powder—was introduced as a hypnotic, but its effects are very uncertain—T. G. '85, 329, 379.

† (*e*).—*Cannabinon.*—(Not official)—A soft resinous substance, generally found as a 10. p. c. trituration with Sugar of milk, also introduced as a hypnotic, but the dose (1½ grains) was followed by excitement, collapse and cramps.—T. G. '85 286; L. M. R. '86. 434.

† *Medicinal Properties:*—Sedative, Anodyne and hypnotic, has been used with success in megrim and delirium, also in Menorrhagia and dysmenorrhœa. It is combined with, Belladona in whooping cough, in tetanus and hydrophobia. It does not produce constipation or loss of appetite, on the contrary it restores the appetite which has been lost by chronic opium and chloral drinking.—L' 89. i. 625.

† *Antidotes.*— In case of over-dose, hot brandy-and-water may be given, vegetable acids such as lemon-juice, vinegar, and the like, and the patient be allowed to sleep. A blister to the nape of the neck is recommended to control its violent action.

† *Actions and uses* :—Narcotic antispasmodic, intoxicant. Like alcohol it produces a variety of effects on different individuals: in one a dull heavy state of pleasant reverie, with a rapid successsion of unconnected ideas; in another a cheerful activity, with giddiness. Taken as an intoxicant in large doses Dr. Augus MacDonald says: "it "quickens the circulation and exhilarates the spirits, producing a kind of mirthful or "extravagant delirium, during which its victim alternately laughs, cries, sings, dances "or craves for food, all the while believing himself "to be in a normal state of mind. "Some times, however, it makes its victim ill-tempered, violent, and pugnacious. It

* From Dr. Augus MacDonald's "note book of Materia Medica." Pages 522 and 523.

† Companion to the British Pharmacopœi-Fifteenth Edition, 1890 by Peter Squire.

" usually produces an inordinate appetite for food, and acts powerfully as an aphrodisiac. " In medicinal doses, it acts upon the cerebro—spinal system, causing, in moderate doses, " exhilaration of spirits, a kind of inebriation and " hallucination followed by confusion of intellect and " tendency to sleep ; in large doses it causes stupor. " After the primary effects of a full dose have passed " off, the patient is said to be left in a state of cata- " lepsy." Dr Milne adds that it alleviates pain and subdues spasm, and for this purpose it has been given but with extremely variable results (it may be owing to inert specimens of it) in neuralgia, chronic rheumatism, painful menstruation, infantile convulsions, hydrophobia, and tetanus. In the latter disease a few striking cures have been achieved, but in other cases it has failed. Spasm and spasmodic coughs are frequently relieved by it ; and some obtain sleep from it who are debarred the more certain soporific opium, owing to its evil effects. " It differs from opium in its effects, chiefly in not contracting the pupil, and in not causing loss of appetite, dry tongue, or constipations." In uterine hæmorrhage it often arrests the flooding and it relieves the pain in dysmenorrhœa.

Extract half a grain to a grain cautiously increased to 4 or 5 grains according to the purity of the drug and the condition of the patient. Of the tincture ten minims cautiously increased to a fluid drachm, repeated at short intervals until the desired effects are produced. When administered in an aqueous vehicle, it requires mucilage to suspend it. The effects must be carefully watched lest the patient should injure himself whilst mentally incapacitated by it, as sometimes happens, Antimonials, Salines, a blister to the nape of the neck &c., may be employed to control its violent action.

III. (*a*).—*Cultivation.*—It is grown as an ordinary dry crop. The soil should be light and red and very deeply ploughed and well manured. There should be seasonable rain and when crop is ripe heavy dews. The most efficatious productive and certain way is by raising the plant in pits. When, specially cultivated, a circular pit two to three feet in diameter and a foot or so deep is excavated and well manured with cow-dung and ashes. The plants are made to form a circle round the edge of the pit and the centre is heaped up with manure as required. The stems rise 5 to 7 and often 12 feet high, each as thick as a man's wrist and are supported by staves secured with ligatures from the aloe leaf. In other cases single plants are raised in each pit. The stem is then the thickness of a man's arm, ive feet high and as much in diameter. The stem is taken in both hands and twisted at he root just above the surface of the ground to stunt the growth. It is said that this peration produces better and a more plentiful crop of spikes. There are two distinct arieties raised one with a *dark green* and the other with *light green* coloured-stem. The ark stemed variety is more potential in its effects than the other. A maund or two of ood first-class " Kulli or Mulki" ganja can be obtained from each pit treated either ay. The male plant is profitless and is uprooted and thrown away.

(*b*).—*Costs profits Government duty hints to trader.*—A maund of *Kulli ganja* is sold for Rs. 75 or 80, while the Drug imported and offered by the Government Contractor sells at 33½ per maund (25lbs). The former is all profit as the labour is but casual tending, while in the other Rs 3½ to 4 a maund go to cover the original cost including carriage, (Rs. 1 per maund) to Bangalore when purchased from the Government cultivator in Her Majesty's Territory. If purchased from the Monopoly Farmer it is double that price and more. The former price plus Government duty Rs. 15=Rs. 18¾ to 19½ per maund or say roughly Rs. 20 per maund of 25 lbs. The Mysore Government Contractor's profits are thus Rs. 12½ per maund. But this will all depend on how he sets about making his purchases, whether from the cultivator, or Government monopoly farmer, and in season. He should make his arrangements ere the crop is picked if he wants to purchase from the producer while if from the monopolist he should time it, so as to secure his stock just as the new supply comes into market. If he delays, prices rise rapidly and stocks are exported and he has naturally to pay more therefor than if secured in season. He thus loses a large slice of his profits per maund.

(*c*).—*Clandestine cultivation—cause of*—Clandestine cultivation pays well. There is no doubt that it is cultivated in back-yards of many dwelling houses, *hillus* (gardens attached to back-yards), and in other gardens also. This is particularly the case in large Towns and Villages where such privacy affords great facilities to do so.

The heavy dues imposed by Government (Rs. 15 per maund of 25 lbs.) and the abnormally low price accross the frontier offer strong inducements to commit this fraud on the Mysore Revenue.

(*d*)—*Spontanious growth—not wild—Government Patta.*—It has been and is still often found in all the eight districts of this Province growing spontaneously, *but not wild any where in Mysore,* as in some parts of India. This spontaneous growth is most marked in towns and large villages. It is found in back-yards and in dry fields and gardens. This is due mainly to the seed when thrown away on dust heaps finding its way with the manure utilized in the fields, and gardens, and germinating there after the first rains set in. It is not more abundant in one district than another *now*. The cultivation is not restricted to any locality. It can be raised anywhere under the conditions imposed in the Government Patta. The fibre can be utilized by the cultivator. The drug must be disposed of to the Government Contractor less two seers if so required for the private consumption of the producer, but not for sale-provided one acre has been cultivated. The drug should be weighed by the village officers and disposed of in one month or it will be confiscated.

(*e*).—*Mysore suited for growth—Results in two Taluqs noted.*—The climate and soil of the Mysore Province are well adopted for the production of the Ganja plant. It has been found growing even in the Malnad after the heavy S. W. rains are over. Some first class Ganja was raised 15 years ago, and later, in Chickballapur Taluq of the Kolar District of this Province. This was evidently due to the cultivatior knowing when to put down the seed and how to deal with the picking and curing of the spikes properly after being harvested. A trial at Dodballapur in the Bangalore District on the other hand failed as it was harvested prematurely and the immature stuff about 14 maunds was destroyed. The cultivator was ignorant of the value of the plant as a fibre producer and failed to utilize even this part of the produce.

(*f*).—*Result of Ganja Rules as indicated by statistics of consumption.*—The enforcement of the Ganja Rules has removed the open cultivation of the drug and to some extent also to its growing spontaneously. The keeping of accounts has been rendered compulsory and the rules as to their retention and production "true and correct" are rigidly enforced. These returns show the consumption to be on the increase for it was 25,554 seers 7 years ago, while in 1892–93 it was 57,045 seers for Ganja and Majim.

(*g*).—*Causes of rise indicated and improvements suggested.*—The rise is not wholly due to either the increase in population or to more persons taking to the consumption of the drug, but partially to these two causes, combined with the enforcement of the rules generally for the whole province. In the city and station of Bangalore however this increase is not so marked as in the outlying Districts, but the reverse. The Government returns however do not at all represent the *actual consumption,* as both the clandestine production of the drug in the Province and the import thereof prevail to a very considerable extent. This is mainly due to the *superior quality and freshness* of the contraband "Kulli" or 'Mulki' stuff over the stale and very inferior article offered by the Government Contractor. The lack of encouragement afforded to informers and the very light sentences passed by the Magistracy for this offence, greatly conduce to the rules being infringed as also to the existence of clandestine cultivation which is hard to detect and the import of the contraband drug which can be readily done with impunity. The Excise Staff is too weak to cope with this evil and but little encouragement is given to the men to stimulate their zeal. I proposed that the price of *Opium* be raised to that at which it is sold in Her Majesty's Territory and that the price of *Ganja* in the latter be raised to that sold in Mysore. This would remove the inducement of *Opium,* the property of the Mysore State, after being sold to the shop-keeper being smuggled into H. M.'s Territory; while *Ganja* raised in H. M.'s Territory will not then find its way into Mysore. Both Governments would be benefited and each would be restricted to its own legitimate wants and know its own consumption more accurately. To ensure both Governments realizing a fair and just revenue from this source the production of *Ganja* must be worked on the same lines as *Opium* is with special concession to those who want

to raise the plants for fibre only In that case the Village Revenue Officers should see that Government revenue does not suffer by the disposal of the drug to the consumer or retail dealer, but only to the Government Farmer. The surplus crop of Drugs should be destroyed after 6 months if not sold to the Farmer or exported. Preserved as it is in bulk and so carelessly secured from atmospheric air it rapidly deteriorates and becomes stale and unfit for use as the resin is dissipated. The drug turns black and mouldy and becomes noxious. The matter of equalizing the prices of the two drugs was referred to the Resident by the Durbar but I am not aware of the result. In large towns I suggested that the Municipal and Octroi Officers be invested with powers of "Excise Officers." They might be paid by results in the shape of rewards. Government approved of the step but local action does not appear to have been taken. Considering that Government have made over several items of revenue to local bodies and in some places also the license fees on spirits, while Mohatarfa as a separate cess is levied on drug-shops, the casual aid of such Municipal Officials might with propriety be legitimately claimed by Government from such local bodies, especially as this will not interfere with their legitimate duties as the aid thus given will only be occasional.

(*h*).—*Preparation of Fibre and its Market Value.*—All that is required to prepare the fibre is to strip the leaves off, and sever the branches, leaving clear switches or canes. These are tied into sheaves and cast into the first convenient pit of water and allowed to soak there. When the rind slips off readily between the fore-finger and the thumb pressed against the branch, it is ready to be removed. This rind is beaten or trampled with the foot in the water to remove the outer coating. The result is a clean soft fibre which makes excellent cordage, cloth for packing and bags for grain &c. The following extract from Dr. Balfour's Cyclopedia (pages 43 and 44) will prove interesting and gives the market price of the fibre in England and Lahore :—

Agricultural and Commercial.

"The Hemp plants grow in Persia, Syria, Arabia, and *throughout* India. *In some* "*places for its fibre*; in others, and generally, for its "intoxicating products. In Kangara and the Punjab "it *grows spontaneously* and in *abundance every where* in the sub-mountain tracts in the "Sutlej Valley, between Rampoor and Sanganam, at an elevation of 3,000 to 7,000 "feet, *but is cultivated for the fibre only* in the eastern portions of Kangara and Simla "Hills. In 1859 an experimental consignment of two tons of Himalayan Hemp was "valued in the English market at from £30 to £32 per ton. The price at Lahore is about "£15 to £16 per ton."

IV.—*Ganja Statistics.*—The following tables I and II give the consumption of Drugs in the Province and the Civil and Military Station of Bangalore for the past 7 years and Government Revenue for the same period respectively. The Contractor is bound to pay a fixed guaranteed amount yearly which is obtained on tenders. This is realized in twelve monthly instalments. Fees of six and two annas per seer of *ganja* and *majim* respectively sold to licensed retail dealers are levied. If a larger amount is obtained by the rates prescribed than that guaranteed yearly, it is retained by Government, and booked as "excess sales" for that year. This additional precaution was adopted from the 1st April 1889 with advantage to Government.

Table I.—Consumption.

Years.	Ganja and Majim				Total.		Remarks.
	Station.		Province.				
	Seers.	Tolas.	Seers.	Tolas.	Seers.	Tolas.	
1886-87	7801	...	18753	13	26554	13	
1887-88	7768	...	21606	20	29374	20	
1888-89	8254	12	19023	9	27277	21	
1889-90	8499	...	26854	14	35353	14	
1890-91	8890	...	32784	...	41674	...	
1891-92	8175	...	35498	15	43673	15	
1892-93	6740	...	50239	11	56979	11	
Total...	56127	12	204760	10	260887	22	

Table II.—Government Revenue.

Years.	Minimum sum guaranteed Rs. A. P.	Station net Revenue. Rs. A. P.	Provincial Revenue. R. A. P.	Total. Rs. A. P.	Remarks.
1886-87	5312 0 0	2295 0 0	6528 0 0	8923 0 0	
1887-88	7000 0 0	2459 0 0	7745 0 0	10204 0 0	
1888-89	7000 0 0	2441 0 0	7464 0 0	9905 0 0	
1889-90	7000 0 0	2961 0 0	9780 0 0	12741 0 0	
1890-91	7000 0 0	3099 0 0	12047 0 0	15146 0 0	
1891-92	8000 0 0	2813 0 0	13043 0 0	15856 0 0	
1892-93	8000 0 0	2322 0 0	18511 0 0	20833 0 0	

V.—*Actual consumers by Castes—Percentage.—Total population*—The following Table gives the daily number of persons who purchased drugs and average percentage of consumers of various classes in the City and Station of Bangalore on a population of 80,285 and 100,081 respectively for each tract.

Castes.	City.				Station.			
	No. of persons purchasing drugs.	Males.	Females.	Total percentage.	No. of persons purchasing drugs.	Males.	Females.	Total percentage.
Brahmins	4	·004	...	·004	4	·004	...	·004
Mahomedans. Respectable classes	230	·278	·009	·287	437	·424	·012	·436
Mahomedans. Fakirs or Religious mendicants	45	·055	·001	·056	151	·15	...	·15
Hindoos ... Respectable classes	272	·322	·016	·338	349	·34	·008	348
Hindoos ... Low castes	162	·189	·013	·202	306	·289	·016	305
Hindoos ... Religious mendicants	45	·056	...	·056	59	·057	·002	·059
Christians ... Natives	...	...	...	...	...	...	...	·...
Christians ... East Indians or Europeans ...	...	...	...	...	8	·008	...	·008
Total ...	758	·904	·039	·943	1314	1·272	·038	1·310

VI.—*Actual Consumers.—Quantity and value of Drugs per head.*—The table as per margin gives the consumption and number of parties actually utilizing *Ganja*, and its preparations, on the day the special census for drugs was taken, as well as the value of the drugs consumed, and the average per head (1) on quantity (2) on value. It is a mistake to strike consumption on the total population as is now usually done. This will appear self-evident, when it is considered that the total population of the City and Station is 1,80,336, while the consumers of *Ganja* are only about 2,072. Nothing would be more misleading than to strike the data needed on the former, instead of on the latter figure. It will be clearly seen, that the average consumption per head is only 77 grains, valued at 2·34 pies. It took some trouble to get this result, but it was necessary to do so to gain a fairer approximation to the truth, than would otherwise be the case if the old inaccurate system, had been adopted.

Places.	Persons.	Purchased. Ganja. S.	Ganja. T.	Majim and Alwa. S.	Majim and Alwa. T.	Total. S.	Total. T.	Name of the drug.	Total. Quantity. S.	Quantity. T.	Value. R.	Value. A.	Value. P.	Quantity per head.	Value per head.
Cantonment.	1314	20	12	3	21	24	9	Ganja.	31	18	25	12	9	City.	City.
City ...	758	11	6	1	14	12	20	Majim & Alwa	5	11	1	8	5	Station.	Station.
														Total.	Total.
														Grains	Pies.
Total ...	2072	31	18	5	11	37	5		37	5	27	5	2	73 80 77 2½	3 2·34

VII.—*Practical Experiment with Drugs* (1) *by Native Methods*; (2) *by British Pharmacopœia*—.I append two statements (1) giving the results of the experiments, with Ganja prepared and administered according to the Native Method ; and (2) with the preparations prescribed in the British Pharmacopœia, on separate days, both of which were conducted under my personal supervision, at my house, where the parties were provided with both lodging and food, during the whole time they were treated. I also had the aid of a Private Medical Practioner and an Assistant, to examine the physical condition of the men and properly note the effects of the drugs on each, as the experiments proceeded daily. One of the most experienced shop-keepers in the Station weighed out the drugs to the parties, and I am indebted to him for collecting and bringing me the men. I divided the eleven parties on the 1st day (4th October 1893) into five groups which with the total drugs consumed, reduced to their equivalent values as represented under the British Pharmacopœa in *Tinctura Cannabis Indicæ* are given in the margin for both days, with the total amount of drugs, three men the 1st day and 2nd day consumed altogether. There were actually 12 persons experimented upon. Eleven on the 1st day : of these eleven, three were retained the 2nd day and a 12th enlisted. The two Tables attached give the number, name, age, caste, occupation, past history, physical state, the preparations of drugs utilized, the total quantity, and the *net* quantity of Ganja in each preparation. I have also given the actual quantity of Ganja used in terms of *Tinctura Cannabis Indicæ* of the British Pharmacopœa to afford a ready comparison and gain an insight of the actual amount of drugs each took and with what result. It was not intended to give the men any of the country drugs the 2nd day but as the Collector, Colonel Magrath wished to see the effects of the trial made he called and the *Ganja* and *Madath*, were smoked simply to illustrate how this was done. It had no effect beyond that conveyed by the administration of the *Tincture* and *Extract*, before that Officer's arrival in the afternoon when the men had already received the full complement intended to be given them, and had partaken of a full meal of curry and rice.

		Number.	Tinctura Cannabis Indicæ. Minims	Value. Rs.	A.	P.
COUNTRY DRUGS.						
I. Smokers of Ganja ...		3	2,521	0	2	1
II. Preparations of Ganja ...						
(a). Bhang and Churun...		2	1,526	0	5	8
(b). Majim and Alwa ..		3	875	0	1	6
III. Opium eaters and Ganja smokers		2	1,559	0	1	7
IV. Ate Opium and preparations of Ganja and smoked Ganja and Opium as Madath...		1	2,240	0	4	8
Total 1st day		11	8,721	0	15	6
ACCORDING TO THE PHARMACOPŒIA.						
Extract and Tincture ... Smoked Ganja ... ... Smoked Opium as Madath ...		1	592	0	6	2
Extract and Tincture ... Smoked Ganja		1	353	0	4	3
Tincture		1	120	0	1	2
Do		1	40	0	0	8
Total 2nd day... ...		4	1,105	0	12	3
Grand Total 2 days ...		...	9,826	1	11	9
RESULT OF TWO DAYS.						
1th party	1st day...	1	2,240	0	4	8
Do	2nd day...		592	0	6	2
	Total...	1	2,832	0	10	10
nd party	1st day ...	1	1,210	0	1	0
Do	2nd day...	...	353	0	4	3
	Total...		1,563	0	5	3
h party	1st day ...	1	763	0	2	10
Do	2nd day ...	...	120	0	1	2
	Total...		883	0	4	0
th party	2nd day ...	1	40		0	8

Statement giving in one tola of preparation the *net* quantity of *Ganja* therein ; and the dose taken per adult, per occasion, with *net* quantity of *Ganja* therein, and its equivalent quantity in *Tinctura Cannabis Indicæ*.

No.	Name of preparation.	Per tola of preparation.	*Net* Ganja per tola of preparation.	Value per tola. Rs.	A.	P.	Per dose. Quantity	*Net* Ganja	Equivalent in *Tinctura Cannabis Indicæ*	Value. Rs.	A.	P.	Remarks.
								grs.	Min.				
1	Pure Ganja (to smoke or eat)	180 grs	180 grs	0	0	6½	28	28	103	0	0	1	
2	Majim	180 „	48¾ „	0	0	3	60	16¼	60	0	0	1	
3	Alwa { For Adults ...	180 „	14⅖ „	0	0	5	180	14⅖	53	0	0	5	
	„ Children (8 years)	180 „	2·22 „	0	0	3⅓	54	0 2/3	2½	0	0	1	
4	Bhang { Liquid	180 „ 5·7 oz.	62·86 „	0	1	2	5 oz.	55	202	0	1	0	
	Dry	180 grs.	73⅓ „	0	1	4	135	55	202	0	1	0	
5	Churun	180 „	24½ „	0	0	2½	720	98	359	0	0	10	
6	Curry (for ½ a seer of meat)	Total weight 28 oz.	180 „	0	3	6½	14 oz	90	330	0	0	3½	

VIII.—*Prepar ations of Drugs* (1) *how Ganja is prepared and smoked.*—I have under para II, given a description of the various preparations and the ingredients used. I have only to add here that when smoked, about 28 grains of Ganja are first pulverized, by using the palm of the left hand as a mortar and the thumb of the right hand as a pestle. The seeds and stalks are rejected and to the powder a little water is added and kneaded into a paste, while the surplus moisture is expressed out of the mass. The paste is placed in a *chillum* (cup of a native pipe) This *chillum* is formed of two cups, with a short neck between—like a hyperbola. One cup is a little larger than that of an ordinary clay pipe used for tobacco, into which the drug is pressed and into the other the upright of the stem of the *Hucka* or pipe is inserted. The base of the pipe is an empty cocoanut *shell* on the top of which a reed or perforated wooden tube is applied. By the side of the upright on which the *chillum* or cup rests, a 2nd pipe is inserted into the shell at an angle of about 45° to the first one, and about half an inch below the first. The cocoanut shell is filled with water. Some of the water is ejected through each pipe ere used. This is done by the man applying his mouth to the pipe and breathing into it. Live coals are placed on the drug and the smoke inhaled. The moistening of the drug engenders more smoke and its passage over water makes it cooler. It will be observed that by the process adopted some of the extrative matter of the drug is lost but it is opined that the resin is concentrated in the paste and it is believed it is not dissolved or dissipated except heat be applied, either by the addition of warm water, or fire.

IX.—(2) *How Opium is prepared and smoked.*—The leaves of the *Jali or Babool* (*Acacia Arabica*) tree are first fried on a piece of pot-sherd. A tola (180 grains) of Opium is cut or broken up into small particles and dissolved in water. A small copper vessel, round at the bottom, about 5 to 6 inches in diameter, and two to ten inches deep, is well burnished. Into this vessel the solution of Opium is poured and placed on a brisk charcoal fire for half an hour, till reduced by one-half in bulk, when it is strained through two folds of damp drill cloth. It is re-boiled till the mass is aglutinized. It is then taken off the fire. In the pot-sherd in which the *Jali* leaves were fried ⅔ tola (120 grains) of the fried leaf is placed and warmed. The dissolved Opium is poured on this leaf. Two bits of bamboo sticks one-eighth of an inch thick, and six inches long are provided. With these two sticks the *Opium* and fried *Jali* leaves are briskly stirred, and the mass cast up and down, about 6 to 8 inches in the air till nearly cool. This mass, which weighed about 198 grains was then made up into 30 balls, each of which is sold for three cash, which is the retail price of the *Opium* utilized. The ball thus absorbs about 6 grains of *Opium* and is called *Madath*. It will be noted that by boiling the *Opium*, some portion of the morphia must be dissipated by the steam engendered from the hot solution. The *Madath* ball is divided into eight parts. A *Hucka* similar to that used for *Ganja* is utilized except that half of the top of the *chillum* or cup of the pipe is broken off at the neck of the hyperbola and on this small aperature of the neck the *Madath* is placed. The coal to ignite the *Madath* is made up of charcoal powder to which some rice-conjee is added so as to form a paste which is made up into sticks, six inches long and half an inch thick, and dried. When lit at one end a bright fire is engendered, with which the *Madath* is ignited. Two or three inspirations are quickly drawn through the *Hucka* (pipe)—the smoke is inhaled—retained a short while, and ejected through the nostrils &c. A second bit of *Madath* is put on and disposed of likewise. This is continued till 4 balls of *Madath* are smoked which is the quantity used by an ordinary smoker in the forenoon and a similar number in the afternoon, generally after night-fall.

J. G. McDONNELL,

Special Asst. Excise Commissioner,
Doing Duty Dewan's Office.

I. RESULTS OF EXPERIMENTS MADE ON THE 4TH OCTOBER 1893 WITH GANJA AND ITS PREPARATIONS, AS PREPARED AND CONSUMED BY THE NATIVES.

I.—GANJA SMOKERS.

No.	Name.	Age.	Caste.	Occupation.	History.	Physical state.	How utilized.	Name of preparation.	Total quantity of preparation affected.	Net quantity of ganja in preparation.	Quantity of opium consumed by the same.	Equivalent value of drugs in terms of Tinctura Cannabis Indicæ. Min.	Rs.	A.	P.	Effect of drugs.
1	Abdool Rahman.	45	Mahomedan.	Jutka-driver.	I earn daily Rs. 2, out of which I pay 1-8-0 to my master and keep 8 as. for my trouble, out of this I give 5 as. to my wife for food and the remainder 3 as. I spend 1½ as. on ganja and the rest on a pint of beer &c daily. I work from morning till night and can't do without taking a smoke of ganja which stimulates me and helps me to bear the heat of the sun and fatigue. I first took to it for the sake of pleasure only and finding it a cheap stimulant which did me no harm but good I continued it. I always keep good health.	A fairly nourished man of healthy appearance. Chest measurement — 32 inches, heart's action—normal, regular, pulse—80 per minute, temp.—normal, pupils—normal, bowels—regular, appetite—good.	Smoked.	Pure Ganja	330 grs.	330 grs.	...	1210	0	1	0	Pulse in evening—90. temp. —99·2. pupils—normal, has a peculiar staring look, eyes—slightly blood-shot.
2	Abdul Kadur.	51	Mahomedan.	Baker.	I first took to ganja smoking while in Coorg as I used to suffer from severe ague and it gave me great relief. I earn 1¼ as. profit daily by making biscuits, out of which I spend 0-1-3 on ganja, I feel cold and feverish if I do not smoke it. I always keep good health from the time (15 years) since I use it.	A well nourished man of healthy appearance, chest 31½ inches, heart's action—normal, pulse — 68 per min. pupils—normal, temp.—normal bowels—regular.	Do.	Do.	330 grs.	330 grs.	...	1210	0	1	0	Complains of slight dryness. temp.—80. eyes—slightly blood-shot.
3	Chinna Thumby.	30	Pariah.	Cooly.	New subject offered himself for experiment. He never smoked or used any drugs before.	A strong well built man, chest—33 inches, pulse—80, heart's action—regular.	Do.	Do.	27½ grs.	27½ grs.	...	101	0	0	1	Began to cough when smoking and quarter of an hour afterwards complained of head-ache and thirst, pulse—120 per min, pupils—slightly dilated, 3 p.m. slept.
								Total...	687½ grs.	687½ grs.	...	2521	0	2	1	

II. PREPARATIONS OF GANJA—(a) BHANG AND CHURUN (b) MÁJIM AND ALWA.

4	Said Abraham.	46	Mahomedan.	Cooly.	I earn 6 as. daily and spend 6 pies on ganja leaf. I first took to the habit two years ago for the sake of pleasure, I do not ever remember having suffered from any serious illness.	A healthy looking fairly nourished man, chest — 32 in. temp.—normal, pulse — 94, pupils—normal, bowels—regular.	Drank. Ate	Bhang Churun.	10 oz. 720 grs.	110 grs. 98 ,, 208 grs.	...	763	0	2	10	Pulse at 2 p.m.—120 temp.—98·8.
5	Said Adam.	30	Mahomedan.	Snuff-maker.	I earn 10 as. daily, by working hard all day pounding, and spend 6 pies on ganja leaf daily I always kept the best of health. I cannot do without bhang, as I become tired and want a stimulant.	A strong well built man, chest—32½ inches, pulse—82, temp.—normal, heart's action — regular, pupils—normal.	As No. 4.	Bhang Churun.	10 oz. 720 grs.	208 grs.	...	763	0	2	10	No apparent change in any way.
								Total(a)		416 grs.	...	1526	0	5	8	
6	Poonooswamy.	46	Hindu.	Mendicant.	My living is obtained by begging. I first took to eating the drug 4 years ago when my wife died. I spend about one anna every day on it.	A fairly nourished man, chest—32 in., heart's action—regular, pulse — 62 per minute, temp.—normal.	Ate.	Majim, Alwa.	360 grs. 72 ,,	97½ 5¾ 103¼	...	378	0	0	8	Began to sing at 1 p.m.
7	Alvar Naik.	47	Hindu.	Cooly.	I began the habit 12 years ago for the sake of pleasure and from that time continued it.	A poorly nourished old man. Chest—28½ in., temp. —normal, pulse—64 per min., heart's action—slow.	Do.	As above.	Do.	103¼	...	378	0	0	8	No effect.
	(Female)				She says she first took to the habit 12 years	A rather thin woman.										

8	Vulley (fe)	30	Pariah.	Cooly.	ful menstruation and it gave her great relief : from that time she cannot do without it. She takes 6 pies worth daily (360 grs.)	heart's action—normal, pupils—normal.	Do	Majm.	120 grs.	32½	...	115	0	0	2	No marked effect.
								Total(*b*)	...	239	...	875	0	1	6	

III.—OPIUM EATERS AND GANJA SMOKERS.

9	Baboo Row.	51	Mendicant.	Maharatta.	I first contracted this habit by taking opium for Rheumatism. I spend daily 6 pies on Ganja and 1 anna on Opium. I cannot do without it.	A fairly nourished old man. Chest measurment—31 in., heart's action—regular, pulse—62, temp.—normal, bowels — regular, appetite—good.	Ate and Smoked.	Pure Opium Pure Ganja.	6 165	... 165	6 grs. ...	88 605	0 0	0 0	3 6	No effect.
								Total...	...	...	...	693	0	0	9	
10	Rathen Singh.	35	Sweetmeat maker.	Rajput.	I began the habit 15 years ago for cold and Rheumatism and since taking it I keep very good health.	A rather poorly nourished man, chest—31 in., pulse—80, temp.—normal, pupils—normal—heart's action—weak.	Do.	Do.	4 220	... 220	4 ...	59 807	0 0	0 0	2 8	Eyes slightly red. Began to sing at 12 noon and beat a small tom-tom.
								Total...	...	...	...	866	0	0	10	
								Grand total	...	...	...	1559	0	1	7	

IV.—USES ALL PREPARATIONS OF GANJA AND OPIUM.

11	Sandy Lingum.	30	Snyasi.	Rajput.	He first began to take drugs 11 years ago, as it was the custom for all Sanyasies to do so. He is supported by his relatives, who are in well to do circumstances in life and by begging, he spends 6 as. daily in buying drugs.	A strong looking man, chest 32 in., has white patches of Leprosy over his hands and legs. Pulse—80, temp.—normal, heart's action—regular.	Smoked Ate Ate	Pure Ganja. Alwa Churun.	165 72 720	165 5¾ 98	... ...	605 22 359	0 0 0	0 0 0	6 2 10	
								Total...	...	268¾	...	986	0	1	6	Eyes are a little red and no other effect.
							Ate Smoked	Opium. As Madath.	... ...	... ...	6 grs. 79½ grs.	88 1166	0 0	0 3	3 0	
								Total ...	...	...	85½	1254	0	3	3	
											Grand Total for one day...	2240	0	4	9	

II. RESULTS OF EXPERIMENTS ON THE 5TH OCTOBER 1893 WITH GANJA AS PREPARED ACCORDING TO THE BRITISH PHARMACOPŒIA.

1					Same individual as No. 11.		Drank and ate *Smoked Smoked	Tenctura Cannabis Indicæ and extract Opium as Madath Pure Ganja	302 6 grs. 55 ,,	302 ... 55 grs.	... 6 grs. ...	302 88 202	0 0 0	5 0 0	2 10 2	Says he is not used to drug given in this form and refused to take more. Complained of nausia & looked drowsy at 1 p. m.
								Total...	...	...	6	592	0	6	2	Eyes red and dilated at 2 p. m. temp. 100 at 3 p. m. Began singing.
											Total for two days...	2832	0	10	11	
2					Do as No. 2.		Drank Ate *Smoked	Tinctura Cannabis Indicæ extract Pure Ganja	6 grs. 27½	120 Min. 132 27½	... ...	252 101	0 0	4 0	2 1	Says he is not accustomed to the drug in this form, complains of nausia and feels drowsy. Slept off and on after taking extract.
								Total...			...	353	0	4	3	
3					Do as No. 4.		Drank	Tinctura Cannabis Indicæ	...	120 Min.	...	120	0	1	2	Temp.—normal, pulse—90, pupils—normal.
4	Moonswamy.	25	Peon.	Pulley.	I began to take this drug because I used to suffer from a cold and dyspepsia, after taking it I feel better.	A strong looking man, temp.—normal, pulse—72, heart's action—regular.	Drank	Do	...	40	...	40	0	0	8	No effect.

NOTE.—Diet 8-30 a. m. coffee—1 pint, bread—4 oz. 10. a. m. fruit, sugar-cane, sweets and ground-nuts.
12 noon, rice—(½ measure raw) boiled and mutton-curry with vegetables added thereto.
8. p.m. Do. Do. Do.
Do the same next day.
* At 3 p. m. to illustrate smoking to the Collector.

Dewan's Office,
Dated Bangalore, 5th October 1893.

J. G. McDONNELL,
Special Asst. Excise Commissioner,
On Special Duty in Dewan's Office.

SECTION 8R

FILE No. 9/0/1895-6

SERIAL No. 5

Read: Proceedings of Govt (12) 18

No 9121 dated 6th February
Fin 1263
1896 ~~as Modified~~ (Para 4
as modified by Pro:
No 9503-4 d/15th idem retiring
P&A 768
Mr J. G. McDonnell Spl
Excise Asst Commissioner
on Compensation Pension.

(2) Letter dated 7th
February 1896 from
Mr J. G. McDonnell
soliciting that he may be
granted a gratuity of
three months'
emoluments to which
he is entitled under
the rules, in consequence
of his having been
retired without
notice

Order thereon No 9557-8 Genl 8/12/96
P2a 772
~~Considering the fact~~
~~stated~~ ~~recorded by~~
~~Mr J. G. McDonnell~~, the
Govt are pleased to
sanction the payment
to Mr McDonnell
~~him~~ of a gratuity of

Read 2R
8/12/96

of three months' emoluments
under art. 287 of the
Militia Service Regulations.
The bill submitted therefor
by him amounting to
Rs 1680 will be forwarded
to the Comptroller for
audit.

13/2/96 JB.
A. Secretary

Dy
13/2/96
To The Comptroller. with
bill
of Mr. J. G. McDonnell
Mil Engineer Asst
Comm=

No 32 Brigade Road

Bangalore 13th April 96

SECTION

FILE No. 914/8/8/96

SERIAL No.

Sir,

I had an interview with Sir Henry Cadell the Dewan on the 3rd Instant and beg to enclose a "Note" on the points discussed, the Kindly laid before the 3rd Councillor & Sir Shushadriyer who I was led to infer was favourably disposed to accede to my humble prayer, but referred to me the papers pertaining to the Transfer and had no objection to my see me again when you were taking up the file finial orders after the 3rd Councillor had seen the same -

Yours truly

Earnestly entreating
the favour of your kindly
taking early action in
the Matter, as I am
labouring under great
trouble & anxiety of
mind, & for which I shall
feel obliged

I have the
Sir,
Your faithful
Humble Servt
G. Gibbs Smith
Actg Chief Constable
of Devon

To
C. Greenwood Esqr Exon
Secy: Gl Pur Dept

Note after interview with his Excellency the Dewan on the 2nd Instant

---

I As the Executive Excise Staff received the Arrack 1887/88 - 1891/92. Rupees 22,93,335. } Bonus (Proceedings no. 6183-92 dated 29/9/93) for work performed under "Arrack"

Mr. McDonnell who directly directed Supervised, and Controlled that Staff, in securing upwards of 23 Lakhs to the State, under the precedents of 1882-1884 - and 1887. is in justice and equity, it is respectfully and humbly submitted also, deserving of the same boon and therefore entreats the bonus of Six instead of five months pay, sanctioned (Proceedings no. 6017-8 dated 28/10/92) may be now granted and transferred to the Head of Excise under which the said substantial and unprecedented results were scored.

II The "New Dooz Scheme" so successfully and practically worked through Mr. McDonnell's devoted and energetic zeal secured not only Rs: 4,28,823. the 1st year, but up to this the substantial and unprecedented increase of over Rs: 18,00,000. In lieu of the "Special allowance", double batta and Railway fare &c granted to the "Special Revenue officer", Mr. Ricketts recommended (Letter no. 1962-91 dated 17/6/92) in lieu thereof a "personal allowance" of Rs: 200 to Mr. McDonnell's pay and sent up a bill for the amount due to the end of may/92 for Rs: 1,800: The work was continued to the end of

	Rs:
Toddy. - 1892/93 -	4,28,823
Three months April to June 93 -	81,271
1893/94 —	3,52,383
1894/95 —	4,43,816
1895/96 —	5,11,424
Rupees	18,17,717

of September 1892 (18th week in October) or 4 months more. The amount due is therefore Rupees 200 X 18 = 3600.

III. Without going into the merits and demerits of the above but in consideration of and recognizing the exceptional services to the State, generally, for the past 14 years and the above substantial pecuniary excess of Revenue aggregating upwards of Rs: 40,00,000 that Mr. McDonnell may, as a Special Case, be given a Single retiring bonus of Rs: 6,000 or one years pay and the following two favors.

Bonus of 12 months pay

(a) The Conversion of his "Carriage allowance" of Rs: 60 to a "Personal allowance" with retrospective effect from 1st April 1889 (Proceedings No. 1157 dated 21/3/90) instead of from 1st October 1893, (Proceedings No. 2164-278 dated 3/8/94) and :-

Personal Allowance

(b) Recognition of his services to the Mysore State - an official record of

Recognition of Service

2nd April 1896

6

L. G. W. Stevens

Retired Special Asst. Commr. in Mysore.

Draft sent for approval

(12)

Issues from Fin. Dept.

Returned to P & A Dept (S. 904)

Received in Sec. Table III 16/5/96

SECTION 8/1

FILE NO. 91 S 1895-96

SERIAL NO. 1

Proceedings of the Govt. of Mysore

Read letter dated the 7th February 1896 from Mr. J. G. McDonnell, Retired Special Asst. to Commr. Dewan's Office, submitting a ~~petition~~ memorial praying—

(1) that a gratuity equal to three months emoluments may be sanctioned in lieu of notice,

(2) that sanction may be accorded to his bill for Rs. 2800, being amount claimed in lieu of difference of Double Mileage, Double batta &c. during the time he was engaged in introducing the new ~~Land~~ System,

(3) that the bonus of five months pay sanctioned in Govt. Prs. No 6017-8 dated 28th Oct. 1892 may be increased to one of ten months pay,

(4) that the foregoing claims be treated as special & exceptional and that in full clearance of all demands thereunder, a bonus of 12 months pay may be sanctioned,

(5) that effect be given, para 4 of 6 February 1891, to the order of 3 August 1894, No 2164-478, converting his "Conveyance allowance" of Rs. 60 into a "Personal allowance" from the 14th November 1893.

~~Govt~~

1/4

~~given retrospective effect from~~
~~6th February 1894~~

Order No 9997-99 dt 13-5-96
~~Ex 3044~~
JC 706 16

Of the several requests made by Mr. McDonnell in his Memorial, the first has already been complied with by the grant of three months pay in lieu of notice.

2. In June 1892, Mr. McDonnell claimed Rs. 2800 in lieu of double mileage viz granted to ~~him~~ the Special Revenue Officer who had been associated with him in the introduction of the new toddy system. Government, in passing orders thereon, sanctioned for Mr. McDonnell a bonus of Rs. 2500. It is now contended that that was bonus awarded in connection with his services in the Arrack branch, and that the claim for Rs. 2800 for

work

work in the toddy branch still remains unadjusted. With reference to this claim and the third and fourth prayers in the Memorial, the Government observe that Mr. McDonell has no right to claim any bonus for any particular work. In recognition however of the long and excellent services rendered by ~~him~~ him ~~McDonell~~ in the Excise Dept. and of the success attending his zealous endeavours to develop the Excise revenue of the State, and in consideration of the peculiar circumstances under which he has been retired before the attainment of his 55th year, the Government are pleased to sanction the payment to him of a bonus of Rs. Two thousand.

3. The Govt. are further pleased to grant the fifth prayer in the Memorial.

~~Dictat~~

The

No

~~decided that the order of the~~
~~3d August 1894 No 2164~~ The
~~G 478~~
Conveyance allowance of Rs 60
will be treated as a "personal
allowance" with effect from
the 6th February 1891 instead
of from the date on which
Mr. McDonnell joined the
Dewani office as directed in
the order of 3d August 1894,
No 2164
G. 478.

C.
13-5-96.

Secretary, Genl & Rev Depts

To The Excise Commr in Mysore
The Comptroller Mysore Govt
Mr J. J. McDonnell,
Retired Special Asst to Commr Dewani Office Bangalore
General Hospital, Madras.

13/5